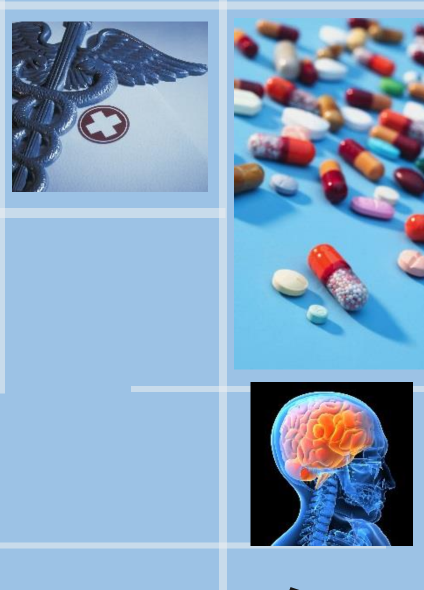
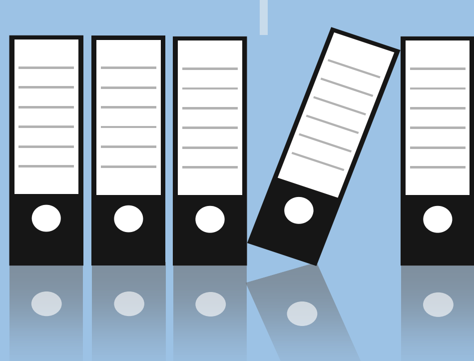
Glossary Of Medical Terminology









Medical Students Of Azad University Of Mashhad
Mehr 92

In The name of Allah
The merciful The compassionate

English is thought to be one of the most important languages all over the world. There are many reasons why English is so important; One of them is that English is spoken as the first language in many countries. Statistics are shown that there are more than 104 countries where English is spoken as the first language.

Medical terminology is the language used by healthcare professionals including doctors, medical transcriptionists, nurses, and medical assistants. Medical terminology allows healthcare professionals to communicate precisely and effectively.

There needs to be standard words and phrases to describe medical actions and diagnosis. When medical records are passed among doctors, they will be able to understand the records based on these standards.

Teamwork enables you to accomplish tasks faster and more efficiently than tackling projects individually. Cooperating together on various tasks reduces workloads for all students by enabling them to share responsibilities or ideas.

So we -scientific association- decided to start a huge work. We collected all words ranges from easy to difficult in order to make a glossary for terminology. Having a reliable English and Persian definition is another advantage of this glossary.

In this teamwork there were three stages: First, there were correctors. Second, there were revisors who cheked all the definitions once more. At the end, four of the students gathered as final compliers for the last revision and tried to debug this glossary.

It’s a pleasure to thank those who made this glossary possible, Ms. Khameneh and Ms. Alizadeh.

We would like to show our gratitude to Ms. Rambod and Mr. Jalali for their endless supports.

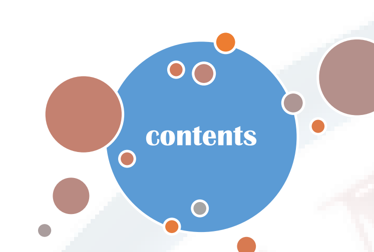
And special thanks to our lovely classmates that played an important role in writing and collecting words; especially to Ms. Bastan, Mr. Khojasteh and Mr. Baratian.

Finally, we would like to express our special appreciation to our Professor Dr. Ahmadreza Mousavi. You have been a tremendous mentor for us. We would like to thank you for encouraging us to do our best.

Scientific association of medical students

Islamic Azad University of Mashhad





Chapters

Chapter 1

Concepts of Medical terminology

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- Awa Alizadeh Ghanad

Reviser

- Melika Farshidian Far



Word	English definition / Synonym	Persian translation	Page
Greek	The language and the nationality of modern/ancient Greece	یونانی	4
Although	Used to mean but/however when you are commenting on a statement	اگرچه-گرچه	4
Entire	Whole	تمام-کل	4
Phrase	A group of word that you use together	عبارت	4
Gastr	of or pertaining to the stomach	مربوط به معده	4
Stand for	Be a short way of writing	نشانگر	4
Stomy	A communication	ارتباط	4
Vast	Extremely large/huge	پهناور	4
Moreover	Used to introduce some new info that adds to/supports what you have said previously	بعلاوه	4
Overwhelming	To be tired of something	خسته کننده	4
Informed	Having/showing a lot of knowledge about a particular subj./situation	اگاهانه-مطلع	4
Even	Used to emphasize something unexpected/surprising	حتی	4
Remember	To bring back to your mind a fact piece of info etc.	به خاطر سپردن	4
Fall into	To devide sth info small parts.	تقسیم شدن	4
Category	A group of people/things with particular features in common	بخش	4
Multiple	Very many of the same type or different types	متعدد-چندین	4
Pronounced	Make the sound of word	تلفظ کردن	4
Preview	An opportunity to see something such as a film or a collection of works of art before it is shown to the public	پیش دید-قبلا رویت کردن	4
Vowel	One of the letter a, e, I, o, or u	حرف صدادار	4
Gem	A beautiful stone that is very valuable. a jewel	جواهر-گوهر-سنگ قیمتی	4
Grasp	Understand something	فهمیدن	4
Judge	Decide if something is good or bad	قضاوت کردن	4
Professionals	Related to work that needs special training or education	حرفه ای	4
Effective	Successful or achieving the results that you want	موثر	4

Accurate	Exactly right	درست-دقیق	4
High lights	Something which is bold	مشخص-برجسته	4
Occupation	A person`s job	حرفه	4
Fundamental	Basic	پایه-بنیادی	4
Modify	To change something	تغییر دهنده	4
Itis	Inflammation	التهاب	4
Pre	Before	قبل	4
Technician	A person who is very skilled at the technical aspects of an art, sport, etc	کاردان-کارشناس فنی	5
Profession	A job that needs a lot of studying	حرفه-شغل-پیشه	5
Diagnose	to say exactly what an illness/the cause of a problem is	تشخیص دادن	5
Closely	In a way that is directly connected or has a strong relationship	بدقت	5
Ensure	Make certain	مطمئن ساختن	5
Essential	Necessary, vital	ضروری-اساسی	5
Administrative	Connected with organizing the work of a business / an situation	اداری-اجرایی	5
Assign	To give a particular job to someone	واگذار کردن-گماشتن	5
Bill	A piece of paper that shows how much you must pay for something	صورتحساب	5
Reveal	Tell something that was a secret	اشکار کردن-فاش کردن	5
Trend	A change to something different	گرایش-تمایل	5
Cardi	Of the heart	قـــلـــب	5
Palm	Relating to the lungs	شش	5
Instance	A particular example or case of s.th	مثال , نمونه , لحظه , مورد	
Structure	The way in which the parts of a System or object are arranged	ساخت،ترکیب	6
Spam	Un wanted email/ usually advertised	هرزنامه	
Browser	An engine for finding something.	گشت زدن،جستوجو کردن	
Marrow	soft fatty tissue in the interior cavity of the bones	مغز استخوان	
Apply	Write to ask something to concern	بکار بردن،تقاضا کردن	

Pouch	A bag or soft container for small object or small amount of s.th	کیسه	
Cyst	A round mass growing just under the skin or deeper in the body	مثانه	
Urinary	Relating to urine or to the parts of the body that produce & carry urine	مثانه	
Context	The situation within which s.th exists or happens and can help to explain	زمینه،پس و پیش مطلب	
Assigning	To give a particular job or piece of work to same on	تعیین کردن	
Eye ball	The whole eye	کره چشم	
Bed pan	A flat dish used as a toilet by people who are too ill to get out of bed	گلن،گلن بیمار تبسری	
Frost bite	In jury to same one by severe cold	سرمازدگی	
Consonant	any letter of the alphabet That is not a e I o u or the sound That you make when you say it	حرف بی صدا،صامت	
Establish	Start something new.	تاسیس کردن،برپا کردن	
Interpret	Cay in one language what some body has said in another language.	تفسیر کردن،ترجمه	
Back ground	The tings at the back in a picture	زمینه،سابقه	
Long _ term	Continuing a long time into The future	دراز مدت	
facilities	building services equipment ,etc. that one provided for a particular purpose.	امکانات	
agency	A business/an organization that provides a particular service especially on behalf of other business organization	نمایندگی،	

insurance	an arrangement with a company in which u pay them regular amounts of money and they agree to pay the costs on a particular subject .	بیمه	
firm	company, commercial business, corporation	شرکت،کارخانه	
career	The series of jobs that a person has in a particular area of work usually involving more responsibility as time passes.	سیر،دوره،شغل	
profession	Any type of work that needs special training or particular skills.	پیشه،حرفه	
management	The control & organization of s.th.	مدیریت	
association	An official group of people who have joined together for a particular purpose organization.	شرکت،انجمن،اتحادیه	
illustrate	To show the meaning or truth of s.th more clearly.	توضیح دادن،نشان دادن	
derived	To get s.th from s.th else.	منشعب شده،مشتق شده	
Exceptions	Someone or something that I not included in a rule.	استثناها	
Resemble	Lock like somebody or something .	شبیه،مانند	
Cuckoo	A grey bird with a two note call, the sounds similar to its name.	فاقد،پرنده کوکو	
Doubled	Make same thing twice	دو برابر	7
Menses	The flow of blood each month from a woman's body in text(flow)	قاعدگی	
Discharge	To allow same one of officially to Give some one	مرخص کردن	
Advantage	Something that helps you or that useful	مزیت	7

Bin	A container of waste	سطل	7
Hose	A long soft tube that you use to briny water.	شلنگ،لوله آپاش	7
Sue	To take legal action against a person or organization.	ادعای قرامت کردن	7
Prepared	To make ready.	محیا بودن	7
Race	A group of people of the some kind	نژاد	7
southern	The direction opposite north or pout of on area in this direction.	جنوبی	8
gynecology	The area of medicine that deals with women's physical health and ability to produce	تخصص زنان	8
cerebrum	The front part of the brain	مغز پیشین	8
alternative	A thing that you can choose	متفاوت،چاره،انتخاب متناوب ,	8
cessation	The stopping of s.th a pause in s.th	توقـــف	8
profit	Money that you get when you sell something for more than in cast to buy	سود بردن	8
demonstrations	A group of people walking or standing together in public to show that they have strong feeling about s.th	تظاهرات خیابانی	8
perfumed	Having a pleasant perfume	عطراگین	8
Initials	first	نخستین	8
Ultraviolet	Describe light with wavelength that is after the violet	فرابنفش	8
Exaggerated	That something is bigger	مبالغه	8
Jaw	One of the two bones in the head of person that hold the teeth	ارواره	8
Illusion	An idea or belief that is not true	توهم	8
Inflammation	A red painful and often swollen area in the	تورم	8

	part of your body		
Sword	A long sharp knife for fighting	شمشیر	8
ptosis	prolapse of a bodily organ, drooping of a body part	جا به جای به سمت پائین	8
Acronym	An abbreviation consisting of the first letters of each word in the name of something	کلمه مرکب از حرف اول کلمات دیگر	9
Abbreviation	A short form of word or phrase	اختصار	9
Phrase	A group of word that use you together	عبارت	9
ATM	Automated teller machine	عابر بانک	9
Popular	Like by a lot of people	محبوب	9
Abound	To exist in large numbers	فراوان بودن	9
Administration	Need to control operation of plan or organization	اداره کل	9
Institute	A group of people how meet to study	مؤسسه	9
Registered nurse	A nurse who is qualified to perform all nursing duties	پرستار دیپلمه دارای پروانه کار پرستاری	9
Appear	Come and seen	ظاهر شدن	9
Shorthand	To summarize s.th	مختصرنویسی	9
Appendix	A part of writing	ضمیمه- پیوست	9
Stenosis	A part of passage or opening in body that has become abnormally narrow	تنگی مجرا	9
Policy	A set of ideas or plan of what to do in a particular situation	سیاست	9
Facility	Things in place for you to use	سهولت- تسهیلات	9
Guideline	Information intended to advise people on how S.th should be done	رهنمون	9
unabridged	It can't be made shorter completed	کامل- کوتاه نشده	9
version	What one person says or writes about something	تفسیر- شرح	9
Application	An official request for S.th	کاربرد- استفاده	9
Allied	connected by an agreement; joined	پیوسته	9
Usage	To use S.th	استفاده	9
Chill	cold	نا امید- دل سرد- خنک	9
Topics	Something that you talk	موضوع- مبحث	9
Modify	To change	اصلاح	9
Schedule	A plan or list of time	جدول- فهرست- برنامه زمانی	10
Gastroscopy	examination of the stomach by means of a gastroscope; An object which we use it to see the stomach	وسیله مشاهده معده	10
Outpatient	A person who goes to hospital for treatment but who does not stay any nights there	بیمار سرپایی بیمارستان	10
Unabridged	Complete without being made shorter in anyway	مشروح	10

Obtaining	Get something	بدست اوردن	13
Relief	What you feel when pain stop	اسودگی- راحتی	13
Surgeon	A doctor who performs medical operation	جراح	13
Junior	Less important	کم اهمییت	13
Stiffness	The quality of being very formal and not relax	سفت	13
Mild	Not strong or rough	معتدل- ملایم	13
Junior	A student in year before the last year at high school or college	دانشجوی سال سوم	13
Visualize	Painting and cinema are visual art	تجسم کردن	10
Ulceration	Describe skin that is covered in ulcers	ایجاد زخم	10
Spicy	With spices in it. Ex= Indian food	ادویه دار- تند	10
Blank	With no writing	جای خالی	10
Stool	A small seat with no back	چهار پایه- مدفوع- ادرارکردن	10
Larynx	An organ in humans and animals between the nose and lungs	حنجره	10
Dysphagia	Difficulty is swallowing	اشکال دربلعیدن غذا	10
Phonetic	Using special sings to show how to say words	اوایی- اوا شناسی	12
Represent	To speak, act or be present officially for another person or people	نماینده بودن	12
Additional	Putting numbers together	افزوده- بعلاوه- اضافی	13
Arthritic	A person who suffer from arthritis	کسی که ورم مفصل دارد	13
Chief	Most important	عمده- مهم	13
Complaint	Say that don't like S.th	شکایت	13
Knee	The part in the middle of your leg where it bends	زانو	13
Discomfort	To make someone feel uncomfortable	ناراحتی	13
Bilateral	Involving two group or countries	دوطرفه- دوجانبه	13
prior	existing or coming before in time, order, or importance	پیشین	13

Chapter 2

Suffixes

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Word	English definition / Synonym	Persian translation	Page
Modify	Change something	تغییر دادن	16
indicate	Show, point to	نشان دادن .اشاره کردن بر	16
determine	Form a firm intention	تعین کردن	16
marrow	Soft fatty substance inside bones	مغز استخوان	16
pertain	Connected with, related to	مربوط بودن	16
represent	Show	نشان دادن . بیان کردن	16
throughout	During every part	سراسر .تماما	16
Plural	Expresses more than one	جمع	16
Convert	Change into another form	تبدیل کردن	16
Genesis	The origin of something	پیدایش	16
Contest	Competition	رقابت	16
Endurance	The ability to endure something	تحمل . پایداری	16
Trace	Mark or sign	نشان	16
Vague	Not clearly, uncertain	مبهم	16
Imply	Express indirectly	اشاره داشتن بر	16
Inspire	Animate someone with a feeling	القا کردن	16
Companion	A person who spends time with another one	همراه	16
Assist	Help	کمک کردن	17
Denote	Be the name or sign of	دلالت کردن	17
Archeology	The study about human history	باستان شناسی	17
Dermatology	The study about diseases of skin	مطالعه پوست	17
Dementia	Disorder of mental processes	زوال عقل	17
Racism	A group of people who prefer their own manners and race to others	نژاد پرستی	17
Thrombosis	Having a blood clot	لخته خون	17
Atony	Lack of muscle tone	سستی ماهیچه	17
Intellectual	Pertaining to the mind	ذهنی .فکری	17
Discrimination	Difference	افتراق	17
Clot	Lump formed from liquid	لخته خون	17
Term	Word or expression used in a particular activity	اصطلاح	17

Phobia	Extreme fear	وحشت	17
Psoriasis	Disease of skin	بیماری پوستی	17
Egotism	Believing that one is more important than others	خود پرستی	17
Dystrophy	A disorder in which a tissue wastes away	تحلیل –ازبین رفتن بافت	17
Anesthesia	A continuous unconsciousness	بیهوشی	17
Parasitism	The situation an animal or plant lives on or in another plant of different type	انگلی	17
Stenosis	Narrowing in channel	تنگی مجرا	17
Exaggerate	Make something seem larger	مبالغه کردن	17
Tetany	Contracture/vibration of muscles	تشنج عضلانی	18
narrow	Limited in extent	تنگ- محدود	17
Sustain	Undergo	تحمل کردن	18
Contraction	Process in which a muscle become shorter	انقباض	18
Urination	The process of eliminating waste liquid from body	دفع ادرار	18
Duramater	The tough outer most membrane of brain	سخت شامه	18
Pediatric	the branch of medicine with care of children	مربوط به امراض کودکان	18
Infant	A very young human	نوزاد	18
Practitioner	Someone who has occupation	شاغل	18
Psychiatry	The science which studies mental diseases	روانپزشکی	18
Podiatrist	One who studies the foot	متخصص پا	18
Geriatrics	Medical care of old people	مراقبت از سالمندان	19
Optician	Someone who sells glasses	عینک فروش	19
Profession	Form of employment	شغل	19
Bachelor	A person who holds a first degree from university	لیسانسه	19
Associate	A person with limited membership of an organization	همکار	19
Supervision	Control	نظارت –سرپرستی	19
Premarital	Happening before marriage	قبل از ازدواج	19
specimen	Amount of something to be shown, sample	نمونه	19
Transfusion	Act of putting one person's blood into another's body	تزریق خون	19

diagnosis	Refers to both the process of attempting to determine or identify a possible disease	تشخیص پزشک	19
Accuracy	Being correct	درستی-دقت	19
Precision	Exactness- Accurate quality	دقت	19
Proficient	Very good at doing some thing	متخصص	19
Accredited	Give credit to somebody or something	معتبر شناختن	19
Heal	Become healthy again	بهبود یافتن	20
Resemble	Look or be like	تشبیه کردن	20
Tip	Advice	نصیحت -توصیه	20
Usage	The action of using	کاربرد	20
Psychosis	Serious disorder of the mind	بیماری روانی	20
Diuretic	Causing increased passing of urine	داروی زیاد کننده ادرار	20
Saliva	Natural liquid produced in the mouth	بزاق	20
virile	Pertaining to the male	مردانه	20
Masculine	Having to do with males	مردانه	20
Coetaneous	Pertaining to the skin	پوستی - جلدی	20
Girdle	The enclosing structure formed by bony pelvis	حلقه(لگنی)	22
Substitute	Be used instead	جانشین کردن	22
Singular	Representing only one thing	مفرد	22
Fluid	A substance that has not fixed shape	مایع	22
Lumen	Cavity	حفره	23
Phalanx	One of the digital bones of the hand or foot of a vertebrate	بند انگشت	23
Patella	The knee cap	استخوان کشکک	24
phenomenon	A fact or situation that is observed to happen	حادثه -عارضه	24
Omentum	Abdominal membrane	چادرینه	24
Prognosis	Forecast a disease	پیش بینی مرض	24
Apex	Peak	نوک	24
ovum	A mature female reproductive cell	تخمک	24
Peak	Highest point	نوک	24
Spermatozoon	A cell which produces sperm	سلول اسپرم	24
Meninx	Membrane around the brain	پرده منژ	24
Embolus	Blockage in a vessel	جسم مسدود کننده جریان	24

		خون	
Blockage	An obstruction which makes movement difficult	انسداد	24
Protozoa	Single cell	تک سلولی	25
Appendices	Things added	دنباله- ضمیمه	25
Adenomas	a benign tumor in glandular tissue	تومور در غده	25
Fungi	Simple no green plants without leaves or flowers	گیاه قارچی	25
pelvis	Cup-shaped cavities		25
Foramina	Openings	مجراها	25
Indices	Lists	صورت جمع کلمه index	25
Alveoli	Small sac	کیسه کوچک	25
Postoperative	After the surgery	پس از عمل جراحی	25
Craniotomy	Surgical removal of a portion of skull	جمجمه برداری(قسمتی)	25
Aneurysm	A localized swelling of the artery	آنوریسم	25
Deficit	Loss of something	کمبود	25
Tolerate	Suffer without complaining	تحمل کردن	25

Chapter 3

Prefixes

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- *Niloofar Rambod Rad*

Word	English definition / Synonym	Persian translation	Page
Case study	A detailed analysis of a person or group from medical point of view	بررسی موردی	32
Chief complaint	The primary symptom that a patient states as the reason for the seeking medical care	شکایت اصلی	32
Oriented	To make familiar with new surroundings	توجیه شده در رابطه با محیط اطراف-هوشیار	32
Initially	As the beginning	در ابتدا	32
Hypotensive	A person who has abnormally low blood pressure	کاهش فشار خون	32
Vital	Necessary	حیاتی	32
Stabilizing	Causing to become stable	ثابت	32
Erythematous	Relating to or marked by erythema (abnormal redness of the skin resulting from dilation of blood vessels)	سرخس یا اریتم	32
Loruised	Livid	کبود- کوفته شده	32
Strength	Intensity – power	استحکام – استقامت	32
Elbow	The region of the upper limb between arm and forearm	آرنج	32
Wrist	A joint between the distal end of the radius and the proximal row of carpal bones	مچ دست	32
Flaccid	Loose – limp	شل و ول	32
Clinical course	Pillow – bedside	سیر بالینی	32
Diagnosed	Determined	تشخیص داده شده	32
Transected	Divided transversally	برش عرضی داده شده – قطع شده	32
Potentially	With a possibility of becoming actual	به طور بالقوه	32
Currently	Now	در حال حاضر	32
Monitored	Controlled	تحت نظر	32
Rehabilitation	The treatment of physical disabilities by message and electrotherapy and exercises	توان بخشی	32
Permanent	Stable	ثابت	32
Disturbance	Disorder	اختلالات	32

Identify	Discover – recognize	شناسایی کردن	33
Define	Give a definition for the meaning of a word	تعریف کردن	33
Style	Way	سبک	33
Self – assessment	Self – judgment	خود ارزیابی	33
Tip	Advice	راهنمایی – نصیحت	33
Modify	Change	تغییر دادن	34
Unilateral	Affecting or involving one side	شامل یک طرف	34
Contra	Against or opposite	خلاف – مخالف	34
Contra lateral	Opposite sides	اشاره به طرف مقابل	34
Equilateral	Having equal sides	داشتن کناره های یکسان	34
Presented	Introduced – gave – awarded	ارائه شده – حاضر – هدیه	34
Usage	The act of using	کاربرد – استفاده	34
Reappear	Seen again	دوباره نمودار شدن – عود کردن	34
Prim/i	First	اولین - ابتدا	36
Mon/o-	One	یک	36
Monocular	Having one eyepiece or affecting one eye	داشتن یک عدسی (لنز دوربین یک چشمی) یا تاثیر گذاشتن روی یک چشم	36
Hemi-	Half – one side	نیم – یک طرف	36
Hemisphere	Half of the cerebrum	نیم کره مغز (لوب)	36
Semi-	half, partial	نیمه،جزئی	36
Semi permeable	partially permeable(capable of being penetrated)	نفوذپذیری نسبی،نیمه تراوا	
bi-	two, twice	دو،دوبرابر	
di-	two, twice	دو،دوبرابر	
dipl/o-	Double	دوتایی	
tricuspid	having three points or cusps	دارای سه نقطه یا لت	
-tetra quadr/i- -plegia	four	چهار	
Quadruplet	one of four babies born together	یکی ازچهارنوزادی که باهم متولدشدند،چهارقلو	
multi-	many	زیاد،متعدد	

poly	many-much	زیاد،بی شمار	
polymorphous	having many forms(morph/o)	دارای اشکال متعدد،چندریختی	
cyan/o	Blue	آبی	38
cyanosis	bluish discoloration of the skine due to lack of oxygen	تغییررنگ متمایل به آبی پوست درنتیجه کمبوداکسیژن	
erythr/o-	Red	قرمز	
leuk/o-	white ,colorless	سفید،بی رنگ	
leukemia	cancer of whiteblood cells	سرطان گلبول های سفیدخون	
melan/o-	black ,dark	سیاه،تیره	
melanin	the dark pigment that colors the hair and skin	رنگدانه تیره ای که به پوست ومو رنگ می دهد	
xanth/o	Yellow	زرد	
melanocyte	cell that produces dark pigment	سلولی که رنگدانه ی تیره می سازد	
Xantho-derma	yellow coloration of the skin	زرد پوستی	
cyanotic	pertaining to bluish discoloration		
erythema	redness of the skin	التهاب پوست ، گل انداختن صورت	
leukocyte	white blood cell	گلبول سفید	
a-,an-	not, without, lack of absence	نه ،فقدان ،بدون ،غایب	
anti-	Against	برخلاف	
antiseptic	agent used to prevent infection(sepsis)	گندزدا ،ضدعفونی	
contra-	against, opposite, opposed	متضاد ،برضد	
contraindicated	against recommendations, not advisable	پیشنهاد نشده ،توصیه نشده	
de-	down, without, removal, loss	پایین ،بدون ،رفع ،فقدان	
dis-	absence, removal, separation	غیاب ،رفع ،جدا	
dissect	to separate tissue for anatomical study	جداسازی بافت ها برای مطالعات آناتومیکی	
in-,im	Not	نه ، عدم	
incontinent	not able to contain or control discharge of excretion	بی اختیاری یا عدم کنترل در دفع	
non-	Not	بی ،بدون ،نا	

noncontributory	not significant, not adding information to a medical	بی اهمیت ،اطالاعاتی را جهت تشخیس پزشکی اضافه نمی کند	
un-	Not	نه ،عدم	
uncoordinated	not working together, not coordinated	باهم کارنکردن ،ناهماهنگ	
Aseptic	Surgically sterile	ضدعفونی شده،	39
Antidote	a remedy that stops the effects counter poison of apoison	پادزهر	
Amnesia	Partial or total loss of memory	ضعف حافظه به علت ضعف یا بیماری مغزی ، فراموشی ، نسیان ،	
disintegrate	Break into parts or components –decay	خرد کردن ، تجزیه شدن ، فاسد شدن ، متلاشی شدن یا کردن ،	
Contraception	Birth control by the use of devices	ضدبارداری	
Inadequate	Poor ,not sufficient to meet a need	غیرکافی	
Depilatory	A chemical used to remove hair	داروی ازاله مو	
Nonconductor	Dielectric	جسم غیرهادی نارسانا	
conscious	Awake ,knowing and perceiving	هوشیار، بهوش ، آگاه ، باخبر ، ملتفت ، وارد.	
Significant	Important in affect or meaning	مهم ،معنی دار ،پرمعنی ،عمده، قابل توجه ، حاکی از..	
Infect	Affect in a contagious way	آلوده کردن ،عفونی کردن، سرایت کردن ،مبتلا ودچار کردن	
Specific	Particular	خاص ،معین ،مشخص ،معمول، ویژه، مخصوص	

Congestant	Exeessiveaccumnlation of blood in a body part	تراکم ،انبوه شدن در طب جمع شدن خون یا اخلاط ،گرفتگی	
Compatible	Sympathetic having similar disposition and tastes	همساز ،سازکار ،موافق ،دمساز ،جور	
Ab-	Away from	دور از	40
Abduct	To move from the midline	دور شدن از خط وسط	
Ad-	Toward ,near	به سمت ،نزدیک	
Dia-	Through	از میان	
Diarrhea	Frequent discharge of fluid fecal matter	اسهال	
Per-	Through	از میان	
Percutaneous	Through the skin	از میان پوست	
Trans-	Through	از میان ،از عرض	
Dialysis	Separation of substances in solution by means of their unequal diffusion through semi permeable membranes	تجزیه ،تفرق اتصال ، تراکافت ،دیالیز	
Adjacent	Near or close to	مجاور ،نزدیک ،هم جوار	
percolate	Sink in, permeate ,filter	تراوش کردن ،نفوذ کردن ،رد شدن ،صاف کردن	
Diameter	A straight line connecting the center of a circle with two points on its perimeter conveyance	قطر دایره ،ضخامت ،کلفتی	
Transport	Carry ,send ,transfer	ترابری کردن ،حمل حامل ، نقل وانتقال	
Hyper-	Over ,excess ,abnormally low decreased	بطور غیر عادی زیاد ،بالا، بیش از حد ، افزایش یافته	41
Hypo secretion	Underproduction of sperm cell in semen	ترشح کم یک ماده	
Hypo-	Under, below ,abnormally low decreased	زیر ،پایین ، به طور غیر عادی کم ،کاهش یافته	
Olig/o-	Few ,scanty	کم ،ناکافی	
Pan-	All	همه ،سرتاسر	

Pandemic	Disease affecting an entire population	بیماری همه گیر	
Super-	Above ,excess	بالا بیش از حد	
Hypotensive	Having low blood pressure	فشار خون پایین	
Oligodontia	Less than the normal number of teeth	کم بودن دندان ها از تعداد طبیعی	
Pan-plegia	Total paralysis	فلج کامل	
Superscript	Something written above	بالانویس	
Hyperventilation	Excess breathing	تنفس عمیق وطولانی	
Oligospermia	Abnormally low number of sperm cell in semen	کاهش غیرطبیعی تعداد اسپرم ها در مایع منی	
Equi-	Equal – same	مساوی ،یکسان	41
Equilibrium	A state of balance state in which conditions remain the same	یک وضعیت تعادل، وضعیتی که در ان شرایط یکسان بماند	
Eu-	True - good - easy – normal	طبیعی ، اسان ، خوب،درست	
Euthanasia	Easy or painless death(thanat/o)	مرگ اسان یا بدون درد	
Hetero-	Other - different – unequal	غیر یکسان ، متفاوت ،دیگری	
Heterogeneous	Composed of different materials - not uniform	تشکیل شده از مواد مختلف ، ناهمگون	
Homo- homeo-	Same – unchanging	بدون تغییر ، یکسان	
Homograft	Tissue transplanted to another of the same species	بافتی که به گونه ی مشابه دیگری پیوند شده	
Iso	equal – same	معادل ، شبیه	
Macro-	Large - abnormally large	به طور غیر عادی بزرگ	
Mega- megalo-	Very big	بسیار بزرگ	
Micro-	Small	کوچک	42
Neo-	New	نو،جدید	
neonate	A newborn, infant	یک طفل تازه متولد شده	
Norm-	normal	طبیعی	
Ortho-	straight – correct- upright	قائم،صحیح،راست	
orthodontics	branch of dentistry concerned with correction and straightening of the teeth	شاخه ای از دندانپزشکی در	

		مورد اصلاح و صاف کردن دندانها	
poikilo-	varied irregular	نامنظم،گوناگون	
pseudo-	False	کاذب،نادرست	
Re-	again- back	پشت،دوباره	
reflux	backward flow	بازگشت،جریان رو به عقب	
Isograft	A tissue transplanted between identical individuals	پیوندی که از فرد دیگری از همان گونه گرفته شده باشد	43
orthotic	straightening or correcting deformity	راست و مستقیم کردن هنجار	
pseudo reaction	false response	واکنش کاذب	
poikiloderma	irregular - mottled condition of the skin	حالتی که با تغییرات رنگدانه ای در پوست مشخص می شود و به پوست ظاهری موجی می دهد	
Homothermic	having a constant body temperature	داشتن دمای ثابت بدن	
Ante-	Before	قبل از	
Antenatal	before birth (nat/i)	رخ دادن قبل از تولد	
pre-	before- in front of	قبل،جلو،پیش	
premature	occurring before the proper time	اتفاق افتادن قبل از زمان مناسب	
pro-	before- in front of	قبل،جلو،پیش	
prodrome	a symptom indicating the onset of a disease	علائم اولیه مریضی	
post-	after behind	بعد،عقب	
postnasal	behind the nose(nas/o)	پشت بینی	
postmortem	occurring after death	وقوع پس از مرگ	44
Antedate	to occur before another event	جلو انداختن وهقعه	
progenitor	ancestor one who comes before	اجداد	
prepartum	before birth(parturition)	قبل از زایمان،قبل از تولد	
projectile	throwing or extending forward	جهنده	
prediction	fore casting	پیش بینی	
postmenopausal	taking place after the menopause	بعد یائسگی	

procedure	process	روش کار	
predisposing	make susceptible	مستعد کردن	
Antepartum	occurring or existing before birth	پیش زایمانی	
Dextr/o-	Right	راست	
Dextrogastria	displacement of the stomach to the right	جای گیری ناصحیح معده در طرف راست	
sinistr/o-	Left	چپ	
Ec -ecto-	out- outside	بیرون ، طرف بیرون	
Ectopic	out of normal position	خارج از موقعیت طبیعی	
Ex/o-	away from - outside	بیرون ،دور از	
Excise	to cut out	برش و خارج کردن	
Endoderm	inner layer of a developing embryo	لایه داخلی جنین در حال تکوین	
Mes/o-	middle	وسط	

Chapter 4

Cells , Tissues , and Organs

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Word	English definition / Synonym	Persian translation	Page
Organization	An ordered manner	تشکیلات ، سازمان دهی	54
Make up	To form something	شکل دهی	54
Structural	Relating to structure	ساختاری ، ساختمانی	54
Functional	An aggregation of cells and intercellular matter that subserves a united function	عملکردی	54
Tissue	A soft thin paper or layer	بافت	54
Component	Element- ingredient	جز سازنده ، عنصر سازنده	54
Various	Assorted-versatile	گوناگون، مختلف	54
Comprise	Consist of	در برداشتن، شامل بودن	54
Accomplish	Reach-achieve	به انجام رساندن	54
Carry out	To do something	انجام دادن	54
Sum	Total- aggregate	مجموع	54
Commonly	Normally-usually	به طور عادی ، به طور معمول	54
Describe	Report- depict	شرح دادن، توصیف کردن	54
Compound	Consisting of two or more seperate things combined together	مجموع، ترکیب، مرکب	54
Contain	Comprise-carry	محتوی بودن ، شامل بودن	54
Starch	a complex carbohydrate	نشاسته	54
Circulate	Moves continously around a place or system	به گردش در آوردن	54
Derive	To come or develop from something	ناشی شدن ، مشتق شدن	54
Design	plan	مختص چیزی طراحی شدن	54
Category	Class- family	دسته ، زمره ، رده	54
Within	inside	در داخل	54
Subunits	Fractional monetary unit	زیر واحد	54
Originate	Couse to begin	منشا گرفتن	54
Reproductive	Generative	تناسلی	55
Thread like	Being similar to filament	رشته مانند	55
Compose	From the substance of	درست کردن، ساختن	55

Digestive	of/ or relating to digestion	گوارش	55
Substance	Matter	ماده	55
Particularly	Specially	مخصوصا	55
Hereditary	Genetically	ارثی	55
Distribute	Spread- stagger	تقسیم کردن ، توزیع کردن	55
Stage	Phase	مرحله	55
Remain	Be left	باقی ماندن	55
Overgrowth	Growing in cells abnormally	رشد بیش از حد	55
Divide	Separate	تقسیم شدن	55
Halve	Divided by two	نصف	55
Career	Occupation	شغل/حرفه	55
Preparation	Make ready	آماده سازی	55
Respiratory	Pertaining to respiration	تنفسی	55
Stratified	Having several layers	مطبق	55
Tract	Duct	مجرا	55
Bind	To wrap as with bandage	محصور کردن/پوشاندن	55
Cross-bond	A band or stripe that encircle horizontally	مخطط	55
Visible	Seeable	نمایان/قابل رویت	55
Conscious	Being aware of	هشیار/آگاه	55
Discuss	Talk about	بحث کردن/گفتگو کردن	55
Contraction	Spasm	انقباض	55
Striation	Banding	مخطط	55
Coordinate	Bring into common action	هماهنگ کردن/متناسب کردن	58
Pliable	Bendable	انحنا پذیر/قابل انعطاف	58
Sheet	Any broad thin expanse of surface	صفحه/سطح	58
Underlying	Located beneath or below	در زیر قرار گرفته	58
Lubricate	Make slippery or smooth	روان کردن	58
Lining	A protective covering that protects an inside surface	دوردوزی شده/آستر	58
Secrete	Release	ترشح کردن	58
Obtain	To get sth for sth	گرفتن/فراهم کردن	59
Eliminate	Discharge	دفع	59
Break down	To be reduced to pieces	تجزیه کردن	59

Soluble	Capable of being solved	انحلال پذیر/محلول	59
Offspring	To produce	زاد و ولد/مبدا/منشا	59
Composition	The different parts which sth is made	ترکیب/ساخت	59

Chapter 5

Body Structure

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Word	English definition / Synonym	Persian translation	Page
Complaint	A reason for not being satisfied	شکایت،دادخواهی	74
Vacation	Holiday	تعطیلی	74
Host	Living a creature on which a parasite lives	گروه ،میزبان،مهمان دار	74
Appear	Com out -look-seem	ظاهر شدن	74
Agitate	disturb	پریشان کردن ،بکار انداختن	74
Ache	Hurt - languish	درد	74
Peanut	Earthnut-groundnut	بادام زمینی، رنگ کتانی	74
Butter	Dairy product	کره،روغن،چاپلوسی کردن	74
Curled up	Drew in	دراز کشیدن	74
Couch	A couch is a long ,soft piece of furniture for sitting or lying on - lounge	تخت،نیمکت،خوابانیدن	74
Pediatrician	doctor who specializes in treating children	پزشک متخصص اطفال	74
Immunization	The act of making immune	مصونیت دادن	74
Current	Flow - stream	جریان،متداول،شایع	74
Earache	Otalgia	درد گوش	74
Vital	Critical – life essential	حیاتی،واجب	74
Limit	Bound – Confine - Define	معین کردن،منحصر کردن	74
Supine		بیحال،سست	74
Assessment	Judgment - Appraisal	تشخیص،اظهار نظر	74
Abnormality	Irregularity	بی قاعدگی،غیرعادی	74
Quadrant	Quarter - Circle	یک چهارم	74
Laboratory	room or building fitted with equipment for scientific experimentation	آزمایشگاه	74
Swallow	Drink – Eat up	بلعیدن	74
Nickel	A chemical element that is silver – white metal.	نیکل،سکه پنج سنتی	74
Penny	coin of low value; British coin of low value	کوچک ترین واحد پول انگلیس	74
Complication	A new problem or illness that makes treatment of a previous one more complicated or difficult - complexity	پیچیدگی،عواقب	74
Expelled	Eject – Kicked out	اخراج شده	74

Orientation	Direction ,Tendency	گرایش ، جهت یابی	74
Pinpoint	Find or describe exactly	چیز کوچک، با دقت اشاره کردن به	74
Occupational	A way of treating mentally or physically ill people by getting them to do special activities.	کاردرمانی	76
Thoroughly	Completely	کاملا ، تماما	76
Obtain	Receive – Hold	بدست آوردن، فراهم کردن	76
Assume	Presume – Acquire	فرض کردن ، وانمود کردن	76
Palm	Inner surface of the hand	نخل خرما،با کف دست لمس کردن	76
Parallel	Always the same distance apart	برابر کردن	76
Illustrated	Add pictures to explain by examples	توضیح دادن، آراستن	76
Designate	Assign – Indicate	برگزیدن ، معین کردن	76
Section	Department – division – part	مقطع ، بخش	76
Portion	Component – Share	سهم ، بخشیدن	76
Umbilicus	Navel	ناف	77
Precise	Exact – Accurate	دقیق و مختصر	79
Vertical	Erect – Upright	عمودی	79
Horizontal	Parallel to the ground or to the bottom or tope edge of something	افقی	79
Intersect	Cross	تقسیم کردن ،تقاطع کردن	79
Drainage	Drain	زیر آب زنی	79
Cephalic	Head	وابسته به سر	80
Extremity	The outermost of farthest region	حد نهایی ، انتها	80
Cranial	Skull	جمجمه ای	80
Forehead	Frontal – Brow	پیشانی	80
Ocular	Optical – Eye	چشمی ، وابسته به دید	80
Oral	Spoken – Verbal	شفاهی ، زبانی	80
Brachial	Of a relating to an arm	بازوئی	80
Antebrachial	Forearm	ساعد	80
Carpal	Wrist	وابسته به مچ	80
Manual	Pertaining to the hands	وابسته به دست	80
Femoral	Thigh	ران	80
Crural	Leg	مربوط به ساق ، رانی	80

Pedal	Foot	رکاب زدن ، پائی	80
Mammary	Breast	مربوط به پستان	80
Axillary	Armpit	زیر بغل	80
Antecubital	Inner elbow	آرنج	80
Umbilical	Navel	نافی	80
Inguinal	Groin	وابسته به کشاله ی ران	80
Palmar	Palm	کف دست	80
Phalangeal	Finger	انگشت	80
Patellar	Of the small round bone of the kneecap	استخوان کشکک	80
Tarsal	Ankle	قوزک پا	80
Acromial	Shoulder	شانه	81
Flank	Lateral abdominal	پهلو ،تکیه گاه	81
Iliac	pertaining to or located near the hipbone	وابسته به استخوان لگن خاصره	81
Sural	Calf	ماهیچه ساق پا	81
Calcaneal	Of the heel bone	پاشنه	81
Deltoid	Lateral shoulder	دلتا مانند	81
Gluteal	Pertaining to the buttocks	سرینی	81
Popliteal	Back of knee	وابسته به پس زانو	81
Plantar	Sole of foot	کف پا	81
Erect	Set up – Upright	عمودی ، بر پا کردن	82
Megacephaly	Abnormal largeness of the head	بزرگی بیش از حد سر	83
Cervico facial	Pertaining to the neck and face	گردن	83
Thoracotomy	Thorax surgical incision	عمل جراحی شکافتن جدار سینه	83
Celiocentesis	Surgical puncture	سوراخ جراحی	83
Laparoscope	Instrument for viewing the peritoneal cavity through the abdominal wall	لاپاروسکوپی	83
Thoracolumbar	Pertaining to the chest and lumbar	مهره های سینه ای و کمری	83
Peritoneal	Pertaining to the peritoneum	صفاقی	83
Peritonitis	Inflammation of the peritoneum	التهاب صفاق	83
Celiac	Coeliac	سلیاک	83
Laparotomy	Surgical incision to the abdominal wall	شکافتن شکم برای یافتن بیماری	83

Incision	Scratch-slit	شکاف-برش-چاک	83
Acrocyanosis	Cyanosis of the extremities	سیانوز در اندام ها	83
Antebrachium	Forearm	ساعد	84
Polydactyly	Having more than the normal number of fingers	چند انگشتی	84
Pedometer	Instrument that measures foot steps	رشد سنج کودک	84
Podiatric	Pertaining to study and treatment of the foot	شخصی که وظیفه ی ان درمان پاهای مردم است	84
Bluish	Somewhat Blue	مایل به ابی	84
Discoloration	To change from the original color and there for to look unpleasant	بی رنگی	84
Extremities	Appendage	حدنهایی-انتها	84
Forearm		ساعد-بازو	84
Footstep	Foot mark	ردپا	84
Excess	Surplus – extra	افراط	84
Motion	Movement	جنبش – حرکت	84
Swing	Dangle	اونگ	84
Spasm	Cramp	تشنج موضعی	84
Sinister	Making you feel that something bad or evil might happen	گمراه کننده – بدخواه – کج	84
Circumoral	Around the mouth	اطراف دهانی	84
Periorbital	Around the orbit	کاسه چشم	84
Epithelial	Tissue that covers surfaces	مخاطی	84
Extrathoracic	Outside the thorax	خارج سینه ای	84
Infrascapular	Below the scapula	زیر کتف	84
Sublingual	Under the tongue	زیر زبانی	84
Tongue	Lingua	زبان	84
Juxtaposition	A location near beside another structure	مجاورت – موقعیت دسته ای	85
Parasagittal	Near or beside a sagittal plane	نزدیک یا کنار صفحه ساژیتال	85
Retrouterine	Behind the uterus	پشت رحم	85
Suprapatellar	Above the patella	بالای استخوان کشکک	85
Perioral	Circumoral, located in front of the mouth (Zoology)	اطراف دهان	85
Paranasal	Adjacent to the nasal cavity	پارانازال	85

Intergluteal	Inter the buttocks (inter the muscle)	داخل سرینی	85
Intraocular	Within the eye	کاسه چشم	85
Toe	One of the digits of the foot	انگشت پای مهره داران – پنجه	86
Hollow	Empty	خالی – پوچ	86
Farthest	Farther most	دورترین نقطه	86
Lumen	A cavity or passage in a tubular organ	حفره یا مجرا – عضو لوله ای شکل	86
Meatus	Passage	مجرا – راه – معبر	86
Orifice	Opening	سوراخ	86
Reassure	Cause to feel sure	اطمینان دادن	86
Bowel	Intestine	روده – شکم	86
Stool	A seat without any support for the back arms	مدفوع ، صندلی مستراح فرنگی	86
expelled	Ejected – kicked out	اخراج شده	86
Deposit	Put	گذاشتن	86
Earning	Gaining – making	درآمد	86
Piggy bank	A small container which are keep money on it	قلک	86
Cephalad	Toward the head	متمایل به طرف سر	89
Acrodermatitis	Skin inflammation of the extremities	التهاب پوست اندام	89
Laparoscopy	Laparotomy, examination of the abdominal cavity by means of a laparoscope	لاپاروسکوپی	89
Dextropedal	Pertaining to the right foot	دکستروپدال	89
Thoracentesis	Surgical puncture of the chest	سوراخ جراحی قفسه ی سینه	89
Microcephaly	abnormal smallness of the head	میکروسفالی	89
Celiotomy	Infusion of the abdomen		89
Macropodia	Excessive size of the feet		89
Epidermis	Outer layer of the skin	پوست خارجی	89
Circumcision	The surgical removal of the foreskin of the penis or prepuce		89
Puncture	make a hole	سوراخ	89
Excessive	Extravagant	بیش از اندازه ، افراط	89
Incision	Scratch – slit	شکاف	89

Septum	Dividing wall	دیواره ، جداره	89
Lumen	A cavity or passage in a tubular organ	حفره یا مجرای عضو لوله ای شکل	89
Sphincter	A ring of muscle that contracts to close an opening	اسفنگتر	89
Wrist	joint at the base of the hand, Carpus	مچ دست	90
Carpal	The female part of in flower	مچ –مادگی	90
Popliteal	Relating to the back of the knee	وابسته به پس زانو	90
Perioral	Around the mouth	اطراف دهانی	90
Sublingual	Below or beneath the tongue	زیر زبانی	90
Bipedal	Having two feet (adj)	جانور دوپا –دوپا	90
Fusion	Merger- contraction	ادغام ، آمیزش	91
Triathlon	Someone who competes in a triathlon	سه گانه	93
Paramedic	A person who is tried to do medical work	پیراپزشک	93
Respond	React – answer	پاسخ دادن ، واکنش نشان دادن	93
Descending	Falling – coming down	پایین آمدن ، نزول کردن	93
Approximately	Almost – nearly	تقریبا	93
Cyclist	Bicyclist	دوچرخه سوار	93
Collide	Knock – foul – disorient	بهم خوردن	93
Crashing	Going down	خرد کردن ، سقوط کردن هواپیما	93
Numbness	Apathy – stupor	بی حسی	93
Tingling	Resonating – tinkling	طنین انداز	93
Obvious	Evident – clear	آشکار ، بدیهی	93
Deformity	Malformation	بدشکلی،نقص خلقت	93
Slight	Little – light – small	مقدار ناچیز ، اندک	93
Cephalocaudal	Of head, of tail	سری، دمی	93
Assessment	Diagnosis – distinction	تشخیص ، اظهارنظر	93
Immobilize	To stop something or someone from moving	مدتی در بستر بی حرکت ماندن	93
Collar	Necklace – anadem	یقه ، گردن بند	93
Secure	Safe – assured – confident	امن ، بی خطر ، مطمئن	93
Backboard	The board behind the basket in the game of the basketball	تخته یا صفحه ی پشت	93

		هرچیزی	
Paramedic	A person who is trained to do medical work	پیراپزشک	93
Ahead	Afore – forward	جلد ، پیش	93
Prehospital			93
Laceration	Rupture – screed	پارگی –دریدگی	93
Bilateral	Mutual , two-side-d	دوطرفه	93
Inspiration	Revelation – vision	استنشاق ، الهام ، وحی	93
Thigh	Leg – femur	ران	93
Paresthesia	Abnormal sensation	اختلال حس لمس به صورت خارش (مور مور شدن)	93
Shield	Protection – coverture	حفاظ –پوشش	93
Singular	Either of the pair of organs in a women s body that produces eggs	تخمدان	93
Irradiation	Radiance	پرتو افکنی	94
Primary	Original – basic	اصلی	93
Beam	Ray – light – shine	پرتو	93
Acute	Shorp – critical	حاد	93
Rotation	Spin – turn – roll	چرخش	93
Schedule	Program – plan – scheme	برنامه	93
Outpatient	A person who goes to a hospital for treatment but not gonna stay any nights there	سر پایی	93
Prepping	Getting ready	آماده شدن	93
Lithotomy	Surgical remoral of stones from the body	برش مثانه برای خروج سنگ	93
Fowler	A person who fowl the birds	شکارچی پرندگان	93
Stitch	Seam – suture	بخیه جراحی	93
Suture	Stitch	بخیه –درز–چاک	93
Cyst	Sac – bladder	کیست	93
Prone	Procumbent	دمر	93
Span	Range – confine – palm	محدوده	93
preoperative	Relating to the period of the time immediately before a medical operation	قبل از عمل	93
Pretrauma		ضربه قبل	93
Stem	Stalk – shank – pedicle	ساقه	93

stern	Strict – seveve	سخت گیر	93
Chin	Front of lower – jaw	چانه	94
Trendelenburg		ترند لنبرگ	

Chapter 6

Disease

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Word	English definition / Synonym	Persian translation	Page
Disorder	A state in which objects or condition are in no particular order	اختلال	98
Overlap	Extend over so as to cover partly	هم پوشانی-اشتراک داشتن	98
Category	A grouping people or thing by type in any systematic arrangement	دسته بندی	98
Parasite	An animal or plant that lives on or in another plant of different type	انگل	98
Expense	Amount of money needed or used to do or buy something/cost	هزینه	98
Agent	A person who acts for another	عامل	98
Describe	Giving a report of how s.th is done	توصیف کردن	98
Pathogen	something that causes disease, Any small organism, virus	عوامل بیماریزا	98
Degenerative	Describes an illnesses in which the body gradually stops working	فاسد کننده	98
Tear	A pull or be pulled apart/pull pieces off	چاک خورده	98
Aging	Present participle of age/old	کهنه	98
Trauma	Injury	جراحت	98
Lesion	Sore, wound, ulcer	زخم(بیشتر درونی)	98
Necrosis	Dead of the cell tissue	مرگ بافت	98
Arthritis	Abnormally of the joints in which objective finding of heat, redness or deformity are present	ورم مفاصل	98
Respiratory	Relating to breathing	تنفسی	98
Structural	Relating to the way in which parts of a system or object are arranged	ساختمانی	98
Malformation	The condition of being wrongly formed	ناهنجاری	98
Congenital	The condition or disease that exists at or from birth	مادرزادی	98
Emphysema	A condition which the small bags in the lung become filled with too much air	نفخ	98
Hernia	A medical condition in which an organ pushes through muscle which surrounds it	فتق	98
Neoplasia	Abnormal growth of new cells that may develop into a tumor	تومور	98

Abnormal	Different from what is usual or average/unusual	غیرعادی	98
Failure	The fact of someone or something not succeeding	ناتوانی-شکست	98
Autoimmune	Relating to a condition in which someone's' antibodies attack her/his cell.	خودایمنی	98
Lack	Loss of something	فقدان	98
Function	The natural purpose or the duty	عملکرد	98
Inadequate	Not enough	ناکافی	98
Malnutrition	Too little of the types of foods necessary receiving for good health	سوتغذیه	98
intake	An act of taking in s.th	جذب کردن-پذیرش	98
underproduction	A situation in which too little of s.th is produced in realation demand for it	به میزان کم ساخته شدن	98
adaptation	The process of changing to suit different condition	انطباق-سازش	98
individual	A single person or thing	فردی	98
hereditary	Caused by the gene passed from the parents to child	ارثی	98
multiple	Many of the same type	متعدد	99
interact	The communicate with or react to	اثرگذاری متقابل	99
etiology	The scientific study of the cause of disease	سبب شناسی	99
acute	Sthenic, torrid	حاد-شدید	99
duration	The length of time that s.th lasts	مدت-دوره	99
chronic	Continuing for a long time	مزمن	99
progress	Movement to an improved or more developed state	پیشروی	99
profession	Any type of work that needs special training or particular skills	شغل-حرفه	99
deal	An arrangement; especially in business	سروکار داشتن	99
immediate	Happening or done without delay very soon	فوری	99
fungi	Any of various types of organism that get their food from decaying material	گیاه قارچی	99
yeast	The type of fungi	مخمر	99
mold	The type of fungi	کپک	99
protozoa	Any of types of very small animal without cell	تک سلولی	99
worm	Small animal with a long-marrow & without bone	کرم	99

helminth	A kind of worm	کرم کدو	99
infecting	To pass disease to person	الوده کننده	99
through	From one end or side of s.th to the other	به میان	99
several	Many	چندین	99
route	A particular way or direction ? places	راه-روش	99
Portal	Pertaining to a gate	دروازه	99
tract	A short piece of writing	مجرا	99
digestive	Relating to digestion of food	گوارشی	99
urinary	Relating to urine or the parts of the body that produce and carry urine	ادراری	99
reproductive	Relating to the process of reproduction	تناسلی	99
spread	To disseminator become epidemic	پخش کردن	99
toxin	A poisonous substance	زهر-سم	99
release	To give freedom or free movement to someone or something	رها کردن-ازاد شدن	99
presence	Note absence	اولیه-حضور	99
term	To give something a name to describe it	نامیدن	99
sepsis	A sever medical condition in which bacteria enter the blood after an operation	مسمومیت عفونی در اثر جذب باکتری ها به خون	99
Rod shaped	Shape like a long thin stiff pole or bar	میله ای	100
curved	To form a curve, or move in the shape of curve	خمیده	100
arrangement	A plane for how s.th will happen	ترتیب-تنظیم	100
dye	To change the color of s.th using special liquid	رنگ دهی	100
stain	To leave a mark on s.th that is difficult to remove	رنگ شدن	100
Gram stain	color by applying stain	رنگ امیزی گرم	100
host	Someone who has guests	میزبان	100
response	An answer or reply	پاسخ	100
inflammation	A red painful and often swollen area in or on apart of your body	التهاب	100
fluid	The substance that follows and is not solid	مایع	100
inflow	The action of people or things arriving somewhere	ریزش درونی	100
swelling	A part of your body that has become bigger because of injury or illness	تورم	100

chain	A set of connected or related thing	زنجیره-حلقه	100
cluster	A group of similar things that are close together	خوشه-دسته	100
appendicitis	An illness in which appendicitis become inflamed	التهاب اپاندیس	100
tonsillitis	A painful infection of the tonsils	التهاب لوزه	100
blockage	s.th that stops s.th else passing through/the act of stopping s.th	انسداد	100
composition	A piece of music that someone ha written	ساختار	100
rid	To remove or throw away s.th unwanted	خلاص شدن	100
Invade	Attack	تهاجم، حمله	102
Debris	Broken or torn piece of something longer	باقی مانده، آثار	102
Certain	Known to be true	معین	102
Capable	Able to do things effectively	توانا	102
Engulfing	To surround and cover s.th completely	فراگرفتن	102
Circulating	To go around or through s.th	گردش کردن	102
Mixture	Substances made from combination of different substances	مخلوط، ترکیب	102
			102
Pus	Thick / yellowish liquid comes from infected part	چرک	102
Innate	Not one you have learned	ذاتی	102
Inborn	Describe a mental or physical characteristic that someone has from birth	موروثی	102
Previous	Last	آخری	102
Exposure	To put s.th without covering it	در معرض چیزی قرار دادن	102
Carcinoma	A lump of tissue that forms on or inside the body, tumor	تومور	103
Classified	sth by a regular pattern	رده‌بندی شده	103
Further	More	بیشتر	103
Sac	A part of a plant or animal that is like a bag & often contains liquid	کیسه	103
Pouch	Sac	کیسه کوچک	103
Sebaceous	A very small gland in the skin that produces sebum	غدد سبابه	103
			103

Ovaries	Port of any female animal or point that produces eggs or seeds	تخمدان	103
Fall	To suddenly go down to the earth	افتادن	103
Barrier	Sth placed in the way to prevent movement	سد	103
Intact	Complete and in the original state	سالم، دست نخورده	103
Secretion	The liquid produced from the body	ترشح	103
Saliva	The liquid produced in your mouth to keep your mouth wet and to help to prepare food to be digest	بزاق، آب دهان	103
Tear		اشک	103
Acquire	Adventitious	اکتسابی	103
Adaptive	Having an ability to change the suit different condition	توافقی	103
Specific	Particular	معین، خاص	103
Encounter	A meeting, especially one that happens by chance	روبه‌رو شدن	103
Administration	The arrangement which controls the organization	مدیریت، حکومت	103
Recognize	s.th which experienced before	شناختن	103
Immobilize	To stop s.th or someone from moving	ثابت کردن، بی‌حرکت کردن	103
Continuously	Keep going without stopping	مداوم	103
Malfunctioning	To fail to work or operate correctly	عملکرد بد	103
neoplasm	Any abnormal tissue growth	تومور	103
Metastasis	The spread of disease	گسترش و هجوم بیماری	103
undergo	To experience something that is unpleasant or something involves a change	تحمل کردن	103
Duct	A tube or pipe that carries liquid or air	مجرا	104
Recurrent	Happening again many times	بازگشت‌کننده، برگرداننده	104
Favorable	Showing that you like or approve of someone or s.th.	مطلوب، مساعد	104
Bladder	An organ which contains urine before it leaves the body	کیسه مثانه	104
Gallbladder	A small organ in the body like a bag connected to the liver	کیسه صفرا	104
Accumulation	An amount of s.th that has been saved	ذخیره، انباشتگی	104
Edematous	An unhealthy condition in which liquid collects in the body	خیز، ادم	104

Divide	To separate in two parts of groups	تقسیم کردن	104
Protrusion	s.th that sticks out from a surface	جلوافتادگی	104
Arise	To come into existence	به وجود آمدن	105
Glandular	Related to glands	غده‌ای	105
Pigment	A substance that produces color in animals & plants	رنگدانه	105
Sarcoma	A neoplasm That involves connective tissue or muscle	تومور بدخیم	105
rupture	Fracture	شکستگی-گسیختگی	104
characterize	Recognize-determine	مشخص شدن	104
distinct	Clearly noticeable	متمایز	104
aid	Help or support	کمک	104
ingestion	Swallow	بلعیدن	104
calculus	stone	سنگ	105
carcinogen	A substance that causes cancer	ماده ی سرطان زا	105
pyrogenic	causing a rise in body temperature	گرمازا-تب آور	107
Artenosclerosis	To be hard for arteries	تصلب شرایین	107
tachypnea	Quickness of respiration	تندی در تنفس	107
bradycardia	A slow heart rate	ضربان قلب کمتر از حد طبیعی	107
dysphagia	Difficulty in swallowing	اشکال در خوردن غذا	107
xerosis	A dryness of skin-eye or mocuse membrane	خشکی پوست-چشم-غشای موکوزی	107
dysentery	A disease of the bowls that causes the contents to be passed out of the body much more often	اسهال خونی	107
nourishment	Food that someone needs to make them grow and keep them healthy	تغذیه	107
swallow	ingestion	قدرت دادن	108
localized	To limit sth to a particular area	متمرکز شدن-محلی شدن	108
dilation	expanse	اتساع	108
Enlargement	The fact of being enlarged	توسعه-بزرگی	108
burst	To break open or apart suddenly	ترکیدن-از هم پاشیدن	108
forth	Out or away-forward	بیرون از	108
hemorrhage	bleeding	خونریزی	108
profuse	Produced or given in lag amount	فراوان-سرشار	108

flow	To move in one direction	جریان داشتن-جاری بودن	108
retina	The area of the back of the eye that receives light	شبکیه چشم	108
adipocere	Fat cell	سلول چربی	108
blastoma	A tumor of embryonic type	رشد تومور در مراحل اولیه	108
thracoschisis			108
analgesia	absence of pain, insensitivity to pain	بی حسی نسبت به درد	108
hydrocele	accumulation of fluid in the testes (disease	ورم بیضه	108
menorrhagia	The bleeding of uterus	خونریزی رحم	108
adenodynia	A Painful gland	غده دردناک	108
hepatorrhexis			108
myalgia	Pain in a muscle or group of muscles	درد ماهیچه-درد عضله	109
myopathy	Disease of muscle	بیماری ماهیچه ای	109
myoma	Tumor of muscle	تومور ماهیچه ای	109
vasodilation	Widening of blood vessel	افزایش قطر عروق	109
ectasia	Dilatation of a hollow organ	اتساع-کشیدگی	109
gastrectasia	Dilation of the stomach	اتساع معده	109
edema	Accumulation of fluid	تورم	109
cephaledema	Swelling of the head	تورم سر	109
lysis	Separation-dissolving	جداشدن-حل شدن	109
dialysis	Separation of substances by passage through a membrane	جدا شدن مواد به وسیله ی عبور از عرض یک غشا	109
malacia	Softening of the skull	نرم شدن	109
necrosis	The localized death of living cells	مرگ بافت	109
oteonecrosis	Death of bone	مرگ بافت استخوان	109
ptosis	Dropping	افتادگی	109
blepharoptosis	Drooping of the eyelid	افتادگی پلک	109
scterosis	Hardening of body tissue	سخت شدگی بافت	109
phlebosclerosis	Hardening of veins	سخت شدن وریدها	109
craniomalacia	Softening of the skull	نرم شدن جمجمه	109
spasm	Sudden contraction	انقباض ناگهانی	109
arteriospasm	Spasm of an artery	اسپاسم شریان	109
stasis	Stoppage of flow of a body fluid	گرفتگی(در جریان خون یا روده)	109
menostasis	Suppression of menstrual flow	توقف خونریزی قاعدگی	109

stenosis	narrowing	تنگی-انقباض	109
bronchostenosis	Narrowing of a bronchus	تنگی برونش	109
toxin	poison	سم	109
nephrotoxin	Substance that is harmful for the kidneys	ماده ای که برای کلیه ها سمی است	109
Staphyl/o	Grape – like cluster	شبیه خوشه انگور	110
streptobacillus	A rod –shaped bacterium that forms chains	باکتری هایی که تشکیل زنجیره داده	110
bacill	bacillus	باسیل-عصایی شکل	110
bacilluria	Bacilli in the urine	باسیل موجود در ادرار	110
Myc/o	Fungus - mold	قارچ-کپک	110
mycotic	Pertaining to a fungus	مربوط به قارچ	110
Vir/o	virus	ویروس	110
viremia	Presence of viruses in the blood	وجود ویروس در خون	110
supplementary	Serving as a supplement	تکمیلی-ضمیمه	111
communicable	Able to be communicated - transferrable	مسری-قابل انتقال	111
endemic	A disease that is constantly present to a greater or lesser degree in people of a certain region	بومی	111
epidemic	A widespread outbreak of an infectious disease	همه گیر- مسری	111
exacerbation	Worsening of disease	تشدید	111
iatrogenic	Caused by the effects of treatment	ایجاد شده توسط پیامدهای درمانی	111
idiopathic	Having unknown causes(of a disease)	ناشناخته(در مورد بیماری)	111
In situ	In its natural place or position	واقع در جای خود-موضعی	111
Normal flora	The microorganisms that normally live on or in the body	میکروارگانیسم هایی که به طور طبیعی بر روی یا درون بدن زندگی می کنند	111
nosocomial	Occurring in or pertaining to a hospital	بیماری هایی که در بیمارستان منتقل میشوند	111
opportunistic	An infection that occurs because of a host's poor or altered condition	عفونتی که به دلیل ضعف انتقال یافته	111

pandemic	An epidemic disease that is geographically widespread	بیماری جهان گیر	111
remission	A lessening of disease symptoms	بهبودی بیماری – کاهش علائم بیماری	112
septicemia	Blood poisoning	عفونت خون	112
systemic	Pertaining to the whole body	مربوط به کل بدن	112
abscess	A localized collection of pus	آبسه – ورم چرکی	112
adhesion	Act of sticking two surfaces or parts to each other	چسبیدگی– هم چسبی	112
anaplasia	Loss of normal differentiation within a cell	فقدان تمایز طبیعی	115
ascites	Accumulation of serous fluid in peritoneal cavity	مایع آزاد در حفره صفاقی	115
cellulitis	Inflammation of connective tissue	التهاب بافت همبند	115
effusion	Escape of fluid in to a cavity	نشست مایع به داخل حفره	115
exudate	Secreted substance	ماده ی مترشحه	115
fissure	A groove or splite	شکاف	115
fistula	An abnormal passage between two organs	یک مسیر غیرطبیعی بین دو عضو	115
gangrene	Death of tissue	مرگ بافتی	115
hyperplasia	Excessive growth of normal cells	رشد بیش از حد سلولهای طبیعی	116
hypertrophy	Abnormal enlargement of a part	بزرگ شدن غیرطبیعی عضو	116
induration	Act of becoming rigid or hard	سفت شدن – سخت شدگی	116
metaplasia	Conversion of cells to a form that is not normal	تغییر غیرطبیعی یک نوع بافت به بافتی دیگر	116
polyp	A tumor attached by a thin stalk	توموری که به وسیله ساقه نازک به جایی متصل شود	118
purulent	Forming or containing pus	تشکیل چرک یا حاوی چرک	118
suppuration	Pus formation	تشکیل چرک	118
Carcinoma	Any malignant tumor from epithelial tissue	غده سرطانی بافت پوششی	118

admit	Permitted to inter- accepted	پذیرفتن – راه دادن	118
intravenous	Occurring within a vein or veins	داخل وریدی	118
abuse	Used improperly or excessively especially drugs	سوء مصرف	118
lesion	wound	زخم	118
erupt	Burst out – suddenly appear	جوانه زدن –درآمدن	118
pyrexia	Abnormally high body temperature- fever	تب	118
Suspect	Believed likely	گمان کردن-شک داشتن	118
rheumatic	A person suffering with rheumatism	درد مفاصل –رماتیسم	118
malignant	Likely to cause death- very virulent or infectious	بدخیم-وخیم-خیلی مسری	118
infiltrate	Something which permeates-spread into or invade	نفوذ کردن-تراوش کردن	118
sputum	Salvia and other matter that is spat from the mouth	بزاق-خلط سینه	118
Lavage	Washing out a hollow organ by flushing with water	شستن(معده،روده،سینوسها و...)	118
purified	Removed- dirt or contamination	تصفیه شده – پاک کرده	118

Chapter 7

Diagnosis and Treatment ; Surgery

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Word	English definition / Synonym	Persian translation	Page
Titrate	To find out how much of a particular substance is in a liquid	تعیین عیار کردن	122
Admission	The act of being registered as a hospital patient	پذیرش	122
Vital	Very important or necessary for life	حیاتی وابسته به زندگی	122
Etiology	The study of the causes and origins of diseases	علت شناسی مطالعه ی علت بیماری	122
Speculum	A medial mirror for surgery	آینه طبی	122
Barometer	Instrument for measuring air pressure	فشار سنج	122
Stethoscope	A surgical instrument , used by doctor to listen to sound made inside the body	گوشی طبی	122
Disordered	Not function correctly	مختل شده	122
Gather	Come or bring things together to form a group	گرد آوری کردن	122
Practitioner	Physician	پزشک	122
Inspection	Physical and visual examination	معاینه	122
Palpation	Touching the surface of the body with the hands or fingers to know the disorder	معاینه دستی	122
Percussion	Tapping	ضربه زدن	122
Auscultation	Listening to body sounds with stethoscope	گوش کردن به صدای داخل بدن	123
Sphygomanometer	Instrument for measuring blood pressure in the body	فشارسنج خون	123
Opthalmoscope	An instrument for eye examination	وسیله ای برای معاینه ته چشم	123
Otoscope	An instrument for ear examination	وسیله ای برای معاینه گوش	123
Nail	Thin hard layer covering the outer tip of the fingers or toes	ناخن	123
Lesion	Wound	زخم	123
Specimen	Sample	نمونه	124
Aspiration	The act of removing fluid from a cavity in the body	کشیدن مایع از داخل بدن به وسیله سوزن	124



Therapy	Cure , Treatment	درمان	125
Occupational	Professional	حرفه ای	125
Manual	Done by hand	یدی -دستی	125
Puncture	A neat hole made by a sharp instrument	سوراخ	125
Anesthesia	A loss of feeling caused by damage to nerves	هوشبری	125
Dull	Referring to pain which is not strong but which is continuously (of pain) not severe but continuous	درد ملال آور	125
Stitch	A loop of thread used to join the edge of a wound or surgical incision	بخیه	125
Invasive	Referring to cancer which tends to spread throughout the body	تهاجمی	126
Grafting	Transplant	پیوند زدن	126
Transplant	Take an organ , Skin , etc from one person and put it into another	پیوند زدن	126
Cosmetic surgery	A surgical operation to improve a person’s appearance	جراحی زیبایی	127
Traumatic	Caused by a injury	جراحتی	127
Outpatient	Someone who comes to a hospital for treatment but does not stay overnight	مریض سرپایی	127
Pregnancy	Having a baby in the womb	بارداری	127
Gradually	Piecemeal not suddenly	به تدریج	128
Chronic	Imperceptible not suddenly	مزمن	128
Osteopathy	The treatment of disorder by massage and manipulation of joints	درمان به وسیله ماساژ استخوان و مفاصل	128
Naturopathy	A method of treatment of diseases and disorder which doesn't use medical or surgical means, but natural forces	طبیعت درمانی	128
Homeopathy	The treatment of a condition by giving the person very small quantities of a substance which , when given to a healthy person , would cause symptoms like those of the condition being treated	پزشکی هومیوپاتی	128
Chiropractic	The treatment and prevention of disorder of the neuro-musculoskeletal system by making adjustment primarily to the bones of the spine	فن ماساژ و جا به جا کردن ستون فقرات	128
Acupuncture	A treatment based on needles being inserted through the skin into nerve centers in order to relieve pain or treat a disorder	طب سوزنی	128

Biofeedback	The control of the autonomic nervous system by someone's conscious thought	پس خواند زیستی (بیوفیدبک)	128
Spiritual	Immaterial	معنوی	128
Malignant	(of a tumor or disease) serious and likely to cause death	زیان آور	128
Mutation	A change in DNA which changes the physiological effect of the DNA on the cell	جهش	129
Oncologist	Cancer specialist	متخصص سرطان	129
Immunotherapy	Adoptive immunotherapy	ایمنی درمانی	129
Stimulate	Incite	تحریک کردن	129
Remission	Improvement	بهبودی	129
Suppression	Prevention	جلوگیری	130
Assess	Examine , Try	امتحان کردن	130
Rash	Urticaria	کهیر,جوش	131
Dilute	Watery form with less density	رقیق	131
Faulty	Imperfect	ناقص	132
Chromatic	Having color	رنگی	132
Chronologic	Arranged according to the time of occurrence	دارای تسلسل تاریخی	132
Cryoprobe	Instrument used to apply extreme cold	وسیله ای برای ایجاد سرمای شدید	132
Synergistic	Working together with increased effect	همکاری کننده, مربوط به همکاری	132
Phonograph	Instrument used to reproduce sound	دستگاه ضبط صوت	132
Polygraph	Instrument used to record many physiologic responses simultaneously	پلی گراف,نسخه بردار	132
Celioscopy	Examination of the abdominal cavity	معاینه حفره شکم	134
Hernia	A condition in which an organ bulges through a hole or weakness in the wall which surrounds it	فتق	135
Acute	Referring to disease or condition which develops rapidly and can be dangerous	حاد	136
Bluish	Slightly blue	مایل به آبی	136
Profuse	Copious , Very	فراوان	136
Sweat	Perspire	عرق کردن	136
Paleness	Light in color or shade containing little color or pigment	رنگ پریدگی	136

Springy	Elastic	قابل ارتجاع	137
Drip	Drop	چکاندن	138
Box 7-1			
Antiviral	Antivirus	ضد ویروس	124
Antagonist	Adversary	رقیب , متصاد	124
Hereditary	Inherited	ارثی	124
Box 7-2			
Fracture	Nick in bone	شکستگی در استخوان	125
Decay	Putrefaction	پوسیدگی	125
Ingest	Gulp	قورت دادن	125
Align	Place something in a straight line	میزان کردن , در یک خط قرار گرفتن	125
Emit	Ray , Radiance	تشعشع	125
Box 7-3			
Dimension	Aspect	بُعد	126
Subsequently	Next , Afterwards	متعاقباً , سپس	126
Scintillation	Sparkle	جرقه , درخشش	126
Box 7-4			
Slender	Narrow	نازک, باریک	128
Dilate	Stretch	اتساع	128
Forceps	A surgical instrument with handles like a pair of scissors , used for holding and pulling	پنس	128
Box 7-5			
Scrub	Disinfect	ضدعفونی کردن	129
Gown	Robe , Dress for operation	لباس بلند	129
Stamina	Power	نیرو	129
Dexterity	Proficient	زبردست	129
Beat	A sound that comes again and again	ضربان قلب	139
Extraocular	Occurring outside the eye	خارج چشمی	139
Intact	Whole, entire, unbroken	سالم	139
Insurance	Something which protect safety	بیمه	139
Portability	Ability to be carried	قابلیت حمل و نقل	139
Accountability	Responsibility	جوابگویی	139
Intake	The action of taking something in	ورودی	139
Out put	Product	خروجی	139

Inspection	Examination	معاینه	139
Palpation	Examination by touching	معاینه با لمس	139
Percussion	Beating	ضربت	139
Auscultation	Act of listening with a stethoscope	گوش کردن به صداهای داخل بدن	139
Intravenous	Entering through a vein	داخل وریدی	139
Abuse	Misuse	سو استفاده	139
Apparent	Obvious	پیدا	139
Pupil	The dark circulation opening in the centre of the iris of the eye	مردمک چشم	139
Accommodation	The process of accommodating or adapting	تطابق	139
Aspiration	The action of drawing fluid by suction from a vessel or cavity	استنشاق	139
Biopsy	Removal and study of a tissue sample for diagnostic purposes	آزمایش میکروسکوپی بافت زنده	139
Fetoprotein	Examination performed on pregnant women in order to locate fetal defect	آزمایش بارداری برای نقص جنین	139
Bowel	Part of the intestine	بخشی از روده	139
Complementary	Supplementary	مکمل	139
Culture	The cultivation of bacteria, tissue, cells, ect. In an artificial medium containing nutrients	محیط کشت	139
Metastasis	Spread cancer	گسترش سرطان	139
Saline	A solution of salt in water	درجه شوری	139
Analgesia	Absence of pain	تسکین درد	139
Emission	Injection of fluid from the body	نشر	139
Peripherally	Exteriorly	محیطی	139
Insert	Added to	داخل کردن	139
Catheter	Tube used to drain body fluid or keep a passage open	سوند	139
Postoperative	Pertaining to the period following a surgical operation	پس از عمل جراحی	139
Preoperative	Before surgery	قبل از عمل	139
Ambulatory	Of walking	گردشی	140
Resuscitate	Restore to life	احیا کردن	140
Prescription	An instruction written by a medical practitioner that authorizes a patient to	نسخه	139



	be issued with a medicine or treatment		
privileges	Benefit given only to people of a particular group	امتیاز	140
Wrist	Joint at the base of the hand	مچ دست	140
Scheduled	Programmed	برنامه ریزی شده	140
Elevated	Raised high	بالا بردن	140
Padding	Material used to pad	لایه گذاری	140
Classification	Systematic arranging	طبقه گذاری	141
Malignant	Harmful	زیان آور	141
Obtain	Come by	بدست آوردن	141
Needle	Sew	سوزن	141
Lasting	Strong durable fabric	ثابت	141
Excision	Cutting out	برش	141
Partial	Fragmentary	جزئی	141
Discomfort	Cause a lack of comfort	ناراحتی	141
Profuse	Plentiful	بسیار	141
Chronology	Sequence of past events	شرح وقایع به ترتیب زمان	141
Fusion	Mixture	ترکیب	142
Predicate	fundamental part of a sentence that contains a verb and provides details about the subject of a sentence	خبر	142
Otoscope	Instrument for examining the ear	دستگاه معاینه گوش	142
Baroreceptor	A receptor which is sensitive to the changes of blood pressure	گیرنده فشار	142
Remission	Reduction of the force or intensity	تخفیف	142
Sphygmomanometer	Instrument that measures arterial blood pressure	دستگاه فشارسنج	142
Stethoscope	Instrument used to listen to sound produce in the body	گوشی طبی	142
Syncope	Temporary loss of consciousness due to heart failure	سنکوپ	142
Curette	Surgical tool shaped like a spoon at one end and used to remove tissue from body cavities	وسیله تراشیدن در جراحی	142
Forceps	Instrument used to hold firmly or remove	انبر جراحی	142
Speculum	Mirror in optical instrument	آینه طبی	142
Scalpel	Small straight surgical knife	چاقو جراحی	142
Hemostat	Instrument used to stop bleeding	عامل بند آوردن خون	142

Synchronous	occurring at the same time, simultaneous	رخ دادن در یک زمان	143
Asymmetric	not symmetrical, lacking balance and proportion	عدم قرینه بودن	143

Chapter 8

Drugs

Writer

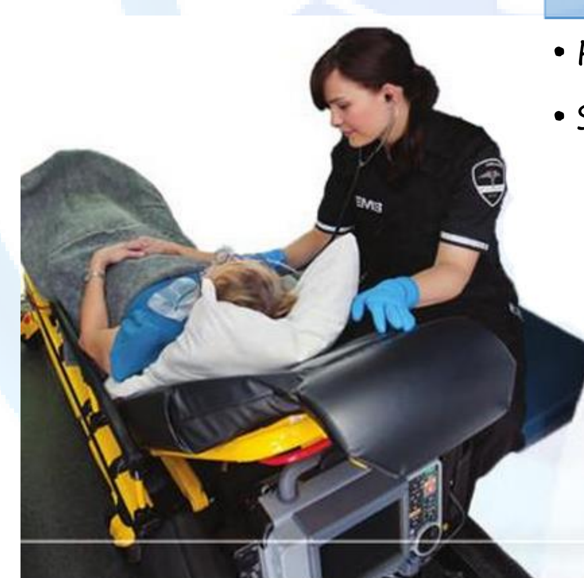
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Word	English definition / Synonym	Persian translation	Page
Federal	United	متحد	148
Agency	firm, office	دفتر نمایندگی	148
Approve	Confirm, acknowledge	تصدیق کردن	148
Administration	Controlling or managing something	مدیریت	148
Department	One of the parts of university, school or big company	اداره,شعبه	148
Agriculture	Farming	کشاورزی	148
Occupational	Related to a person's job	شغلی	148
Specific	Certain	مشخص	148
Prescription	A piece of paper which a Dr writes the name of the patient's drugs on.	نسخه پزشک	148
Prognosis	Forecast of the likely course of a disease	پیش بینی بیماری	148
Contraindication	That a particular drug may be harmful	مضر بودن دارو	148
Manufacture	Producer in large amount	تولید کننده	148
Register	To put a name of an official list	ثبت کردن	148
Generic	Including a whole group. Not specific	عمومی	148
Analgesic	Causing loss of sensitivity to pain without loss of consciousness	کاهنده درد	148
Fracture	Breaking specially for bone	شکستگی استخوان	148
Retention	Keep	نگه داری	148
Ovulation	The explosion of a secondary oyte from a mature gruaafian follicle	تخمک گذاری	148
Antihypertensive	An agent that lowers high blood pressure	کاهنده فشار خون	148
Solvent	Substance especially a liquid that can dissolve another substance	حلال	148
Aqueous	Containing water	ابدار	148
Solution	Liquid in which something is dissolved	محلول	148
Alter	Change in character, position, size,…	تغییر دادن	148
Derive	Get something from something [from a source]	مشتق شدن	148
Synthetically	by synthesis	از روی قواعد ترکیب	148
Pharmaceutical	Related to making drugs and medicine	مربوط به داروسازی	148

		دارویی/	
Require	Need	نیاز داشتن	148
responsibility	Being responsible	مسئولیت پذیری	148
Efficacy	Quality of being affective	موثر	148
Adverse	Harmful	مضر	148
Unintended	Not planned	پیش بینی نشده	148
Evaluate	Find out or form an idea of the amount or valuate of somebody or something	ارزیابی کردن	148
Individual	For oneself	فردی	148
Current	Common	رایج	148
Sensitivity	Degree of being sensitive	حساسیت	148
Hives	Skin disease with itchy red patches, nettle rash	حساسیت پوستی,خارش	148
Distress	Cause distress to somebody	پریشانی	148
Collapse	Shake down	فروپاشی	148
Interact	Act or have an effect on each other	متقابلا عمل کردن	148
Combination	Joining or mixing together	تلفیق.ترکیب	148
Synergy	Assistance, cooperation	عمل مشترک,همکاری	148
Potentition	Make powerful	نیرومند ساختن	148
Antagonist	somebody or something who actively opposes something or somebody	مخالف. ضد	148
Interfere	Interject	دخالت کردن	148
Dependence	State of needing somebody or something	وابستگی	148
Chronic	Persistent	مزمن.شدید	148
Compulsive	Emergency, by obligation	اجباری.اضطراری	148
Regardless	Paying no attention to somebody or something	بی توجهی به کسی یا چیزی	149
Tolerance	The ability of tolerate	تحمل	149
Constant	Fixed	ثابت.پایدار	149
Cessation	Stop, pause	توقف	149
Withdrawal	Process of ceasing to take on addictive drug	ترک کردن(اعتیاد). صرف نظر کردن	149
Associate	Act together	همکاری کردن	149
Cite	Refer to	ارجاع دادن	149
Capitalize	Write or print something with capital letters	با حروف بزرگ نوشتن	

Proprietary	Owned and used exclusively by a particular firm	اختصاصی-متعلق به مالک	
Patent	Concession	جواز، امتیاز یا حق انحصاری	
Expire	Come to an end	به پایان رسیدن	
Publish	Make something known to the public	منتشر کردن	
Purity	Quality of being pure	خلوص	
Extensive	Vast	گسترده	
Enormous	Very large , huge	بسیار بزرگ	
Herbal	Of herbs used in medicine or for flavoring food	گیاهی، ساخته شده از گیاه	
Industrialize	Develop country or an area by improving industry	صنعتی کردن	
Alternative	Available in place of something else ,other	دیگر	
Complements	Make something complete	مکمل	
Conventional	Common	مرسوم، قراردادی	
Strength	Durability	مقاومت	
Dispense	Distribute	توزیع کردن	
Publication	The preparation & is suing of the blood	انتشار	
Career	Holds		
Purify	Make something pure by removing dirty, harmful or foreign substances	تصفیه کردن، خالص کردن	
Synthesize	Mix something	ترکیب کردن، آمیختن	
Ingredient	Any of the Qualities of which something is made	مواد تشکیل دهنده، اجزا	
Concentration	Power of concentrating (تمرکز کردن)	قدرت تمرکز	
Restriction	A limiting condition	محدودیت	
Establish	Set (something) up on a firm or permanent basis	تأسیس کردن ، دایر کردن	
Dietary	Forbidding certain foods, related to diet	ممنوع کردن بعضی خوراکی ها، مربوط به رژیم غذایی	
coordinate	Match something	هماهنگ کردن	
Response	Answer, reply	پاسخ	151
Simulate	Reproduce (certain condition) by means of a model. Mimic	تقلید کردن، شبیه سازی کردن	
Stupor	Nearly unconscious caused by shock,	بی حسی، گیجی	

	drugs ,alcohol & etc		
Vomit	(something up) eject food from the stomach through the mouth	بالا آوردن، استفراغ	
Disperse	Prepare and give out medicine	توزیع کردن	
Widen	Make something wider	گشاد کردن، عریض کردن	152
Remedy	Drug , medicine	دارو	
Regulate	Control	تنظیم کردن	
Claim	S.th which a person says but which cannot be proved and which maybe false	خواسته، ادعا	
Supplement	S.th that you add to s.th else, usually in order to improve it or make it adequate	مکمل	
Septic	Caused by or causing infection with harmful bacteria	عفونت باکتریایی	
Pyretic	Related to fever	وابسته به تب	
Elixir	Imaginary substance with which medieval scientists hoped to change metals into gold	اکسیر	153
Isoniazid	crystalline compound used in the treatment of tuberculosis	محلول درمان بیماری سل	
Suppository	Piece of a medicinal substance place in the return or vagina to dissolve	شیاف	
Tablet	Small measured amount of medicine compressed into a solid from, pill	قرص	
Tincture	Medical substance dissolve in alcohol	اثر جزئی	
Ointment	Smooth greasy post rubbed on the skin to heal injuries or roughness	پماد، روغن	
Postprandial	After meal	بعد از صرف وعده غذایی	
Sustain	Support, without breaking or falling	نگه داشتن، تحمل کردن	
Inhibit	Prevent somebody from doing something that should be natural or easy to do	منع کردن، جلوگیری کردن	
Dissolve	To officially end s.th	منحل کردن	
Clot	Sticky lump that forms when a liquid ,specially blood, dries and becomes hard	لخته خون	
Induce	To cause or stimulate s.th to happen	سبب شدن، تحریک کردن	
Conception	The process in which a woman becomes pregnant	حاملگی	
Over view	Shot general description	توضیح مختصر(بدون جزئیات)	

Route	Way taken pr planned to get from one place to another	مسیر چیزی را تعیین کردن	154
Out line	Giving only the main points	طرح کلی و اجمالی	
Alleviate	Make something less severe, ease	آرام کردن، کم کردن	
Peripherally	Secondary or miner importance	ثانویه، دوره ای	
Eliminate	Remove discharge	رفع کردن	
Coagulation	(cause something to) change from of a liquid to a thick and semi-solid state	انعقاد، لختگی	
Intensity	Strength of emotion	شدت، سختی	
Seizure	Sudden attack of apoplexy	حمله	
Nausea	Feeling of sickness or disgust	حالت تهوع انزجار	
Promote	Raise to a higher position	ارتقا دادن	
Excretion	Get rid of waste material	دفع	
Counteract	Reduce the force or effect of something	بی اثر کردن، خنثی کردن	155
Malignancy	State of being malignant	بدخیمی	
Fungi	any organism that feeds on dead or decaying flesh	گند زی	
Toxic	Poisons	زهری، سمی	
Abnormality	Without ruler	بی قاعده و قانون	
Venous	Related to veins	وریدی	156
Motility	Psychology of the movements	روانشناسی جنبندگی	
Irritant	Causing irritation	سوزش آور	
Dispel	Drive away	دفع کردن، طلسم را باطل کردن	
Tranquilize	To relieve	آرام کردن، فرو نشاندن	
Menopausal	Time when a women ceases to menstruate, usually around the age of 50	وابسته یائسگی	157
Premenstrual	Mental physiological upset caused by hormonal changes occurring before menstruation	قبل از قاعدگی زنان	158
Dementia	Madness with long of powers of thinking due to brain disease or injury	جنون، دیوانگی	
Milk thistle	A tall thistle, silybum marianum, native to southern Europe and naturalized in north America.	شیرتیغک(سیلیبوم ماریانوم)، نوعی گیاه دارویی	158
Slippery elm	A deciduous tree of eastern north America.	نوعی گیاه دارویی، نارون قرمز	

Valerian	A drug obtained from the root of common valerian, used as a sedative.	داروی خواب آور، مسکن	
Route	Way	راه	
Instillation	Administration of a liquid drop by drop.	تزریق تدریجی	
Pour	Flow rapidly in a steady stream	افشاندن، ریختن	
Conjunctiva	The mucous membrane that covers the front of the eye and lines the inside of the eyelids.	ملتحمه	
Suppository	An easily medicated meltable mass for introduction into the rectum urethra or vagina.	شیاف	
Enema	Introduction of fluid into the rectum	تنقیه	
Patch	A small piece of cloth or other material	تکه، قطعه	
Kava	A narcotic sedative drink	آرامبخش، ضد اضطراب	158
Sedative	A drug taken for its calming or sleep-inducing effect	آرامبخش	
Benign	Not harmful in effect	خوش خیم	
Lozenge	A small medicinal tablet, originally in the shape of a lozenge.	قرص لوزی شکل	
Irritation	Inflammation in a body part	سوزش	
Menopausal	When menstruation has not occurred for 6 or 12 months.	یائسگی	
Osteoporosis	A decreased mass per unit volume of normally mineralized bone.	پوکی استخوان	
wort	Used in names of plants and herbs, especially those used formerly as food or medicinally.	گیاهی که در آب خیسانده شده و وارد مرحله تخمیر شده	
Heal	The process of returning to health.	شفا یافتن	
Hyperplasia	The enlargement of an organ or tissue.	افزایش تعداد سلول ها	
Parenteral	By some route other than through the alimentary canal	تزریقی، غیرخوراکی	159
Epidural	Situated upon or outside the Dura mater	خارج سخت شامه ای	
Solution	A homogenous mixture of one or more substance dispersed molecularly in sufficient quantity of dissolving medium.	محلول	
Intrathecal	Introduced into or occurring in the space under the arachnoid membrane of the brain or spinal cord.	داخل نخاعی	
Subcutaneous	Situated under the skin	زیرپوستی	

Metered dose inhaler	An inhaler used to deliver aerosolized medications in fixed doses to patients with respiratory disease.	دوز محفظه استنشاقی	
Illustration	A picture in a book, article etc, especially one that helps you to understand it	تصویر	
Aqueous	Watery, prepared with water.	آب دار	
Pleasantly	Giving a sense of happy satisfaction or enjoyment.	خوش، دلپذیر	160
Flavored	That quality of any substance which affects the taste.	مزه یا بو	
Suspension	Fine particles dispersed in a liquid.	سوسپانسیون معلق بودن	
Disperse	Spread over a wide area.	پراکنده کردن	160
Elixir	A particular type of medicinal solution.	اکسیر، کیمیا	
Insertion	The action of inserting s.th.	فرو کردن، وارد کردن	
Semisolid	Highly viscous	نیمه جامد	161
Viscous	Having a glutinous consistency and the quality of sticking or adhering.	لزج، چسبناک	
Ointment	A semisolid substance that is rubbed on the skin for medical purposes.	پماد	
Medicate	Treat using medicine or a drug.	درمان کردن	
Mold (Ame) Mould (Bri)	A hollow container that you pour a liquid or soft substance into, so that when it becomes solid, it takes the shape of the container.	شکل دادن با قالب	
Melt	Make or become liquefied by heating.	ذوب شدن	
Pure	Not mixed with any other substance or material.	خالص	
Ingredient	Element of s.th	ذره، جزء	
Pill	Tablet	قرص	
Compression	The act of pressing together.	فشرده سازی	
Sealed	Shut or protected with something that prevents air, water etc from getting in or out.	محکم، چسبیده	161
Bolus	A mass of scattering material.	قطعه کوچک	
Vial	A small glass or plastic container.	شیشه کوچک دارو	
Plunger	A part of a device or mechanism that works with a plunging or thrusting movement.	پیستون	162

Barrel	A cylindrical container bulging out in the middle.	بشکه، ظرف استوانه‌ای شکل	
Hilt	The bundle of a weapon or tool.	دسته	
Hub	The enlarged base by which a hollow needle may be attached to a device (as a syringe)	برجستگی	
Shaft	A column, especially the main part between the base and capital.	بدنه	
Bevel	A sloping surface or edge.	سطح شیبدار	
Peripherally	Pertaining to or situated out or pear the periphery.	محیطی	
Herbal	Relating to or made from any plant with leaves, seeds or flowers used for food medicine…	گیاهی	163
Potentiate	Increase the power or effect of especially a drug.	نیرومند کردن، افزایش اثر	
Certificate	An official document attesting a fact.	گواهی	
Arrest	The act of stopping	وقفه، توقف	

Chapter 9

Circulation : The Cardiovascular andLymphatic Systems

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Word	English definition / Synonym	Persian translation	Page
Approach	Move towards- come near	نزدیک آمدن، نزدیک شدن	172
Anticoagulant	Medicine that prevents the clotting of blood	داروی ضد انعقاد خون	172
Ablation	Surgical removal of a body part or tissue	قطع عضوی از بدن	172
Con	Learn	دانستن	172
Ancillary	Provide additional help to activities of an organization	کمکی	173
Resource	Reference	منبع	173
Assessment	Diagnose	ارزیابی، تشخیص	173
Figure	Shape	شکل	173
Evolution	Development	سیرتکامل، تغییرشکل	173
Trace	Follow	دنبال کردن	173
Interpret	Explain	تفسیرکردن	173
Tonsil	Either of two small masses of lymphoid tissue in the throat	لوزه	174
Valve	A device for controlling the passage of fluid through a pipe or duct	دریچه	174
Infarction	Localized necrosis resulting from obstruction of the blood supply	سکته (انفارکتوس)	174
Accumulation	Mass	توده	174
Lining	A protective covering that protects an inside surface	آستر، پوشاندن	174
obesity	Very fat	مرض چاقی	174
stent	A slender tube inserted inside a tubular body part (as a blood vessel) to provide support during and after surgical anastomosis	قالبی که برای نگهداری یک پیوند درمحل خود از توده (stent) می سازند.	174
angiogenesis	The formation of blood vessels	آنژیوژنز	174
circuit	Movement that starts and finishes at the same place	گردش	174
drain	Empty of liquid	آب کشیدن	174
aspect	View	جنبه، صورت، منظر	174
proceed	Perform, to do something	اقدام کردن	174



Point	Apex	نوک	174
Toward	Lead to	به سوی	174
Cardi	Heart	قلب	174
Line Endo	Cover Within	پوشاندن در داخل	174 174
My/o	Muscle	ماهیچه	174
Epi	On	بر روی	174
Anchor	To fix something in position	محکم بستن	174
Peri	Around	اطراف	174
Divide	To separate	جداکردن	174
Remainder	Something left after other parts have been taken away	باقی مانده	174
Systemic	Physical	بدنی	174
Flow	Circuit – stream	روند جریان، گردش	175
Path way	A structural course leading from on place to another	مسیر	175
Arrow	A sign used to show direction	پیکان، فلش	175
Forceful	Strong	موثر، قوی	175
Distribute	To spread something	توزیع کردن	175
Tricuspid	Having three cusps	سه لتی	175
Miter		تاج	175
Bishop	A senior clergy man	اسقف	175
Lunar	Resembling to the moon	وابسته به ماه	175
Alternate	Occur in turn repeatedly	متناوب	175
Murmur	continuous background noise	زمزمه	175
Regard	Consider	توجه	175
Heart beat	A single complete pulsation of heart	ضربان قلب	175
Contraction	Any normal shortening or tensing of an organ or part	انقباض	175
There after	After ward	بعد ازآن	176
Palpate	Touch	لمس کردن	176
Peripheral	Near the surface of body	محیطی	176
Radial	Ray	شعاعی	176
Wrist	Where your hand joins arm	مچ	176
Stimulate	Make same one or something act in a particular way	تحریک کردن	176

Conduction	The transmission of heat, electricity or sound	هدایت	176
Sequence	The following of one thing after another	دنباله ، توالی	176
Bundle	Packet	دسته، مجموعه	176
Generate	Produce	تولید کردن، ساختن	176
Tracing	Drawing – following	رسم کردن اثر – دنبال کردن	178
Represent	Show	نشان دادن	178
Interval	The distance between things	فاصله ، مدت ، وقفه	178
Amplify	Improve	تقویت کردن	178
Assign	Refer	ارجاع کردن	178
Disorder	A mental or physical illness	اختلال	178
Fetus	An unborn off spring of a mammal	جنین	178
Principal	Main	اصلی	179
Diameter	Thickness	ضخامت ، کلفتی	179
Vasodilation	Dilation of blood vessels	اتساع عروق	179
Constriction	Tightness	تنگی، انقباض	179
Alter	Change	تغییردادن	179
Exert	Apply	اعمال کردن	179
Inflatable	Capable of being filled	قابل تورم یاباد کردن	179
Apparatus	Device	دستگاه	179
Dial	A flat plate with a scale and pointer for showing measurement of pressure	شاخص	179
Manometer	An instrument that measures blood pressure	فشارسنج	179
Reflection	An image reflected by a mirror or a shiny surface	انعکاس	180
Cuff	To give somebody a light blow with the open hand	دستبند، سیلی زدن	
Accurate	Correct and exact , free from error	دقیق	
Typically	Representing a particular type of person or thing	به طورخاص، به طورنمونه	
Femoral	Officially recognized	رسمی	
Appropriately	Properly	مناسب	

Blocking	Preventing movement	مسدودکردن	
Resistance	Try to prevent by action	مقاومت	
Pericarditis	Inflammation of the membrane enclosing the heart	ورمغشای خارجیقلب	
Congenital	(of diseases) Present from birth	مادرزادی	
Heart failure	Sever failure of the heart to function properly	نارساییقلبی،سکته قلبی	
Sphygmomanometer	An instrument for measuring blood pressure	فشارسنج	
Examiner	An person who tests knowledge or ability	آزمایشگر	
Inflate	To fill something or become filled with gas or air	بادکردن	
Stethoscope	A medical instrument for listening to the action of a persons' heart or breathing	گوشیپزشکی	
Mercury	Heavy metallic element known for its fluidity at average temperatures	جیوه	
Valve	Membranous folding an organ or vessel which allows fluid to flow in one direction	دریچه	
Point	The tapered ,sharp end of a tool	نوک،رأس	
Cone-Shaped	object with a flat circular bottom whose sides taper into a point at the top	مخروطی	
Pulmonary	Related to the lungs	ریوی	
Umbilical	Central	نافی،مرکزی	
Capillary	Any of the very narrow tubes that carry blood between the arteries and veins in the body	مویرگ	
Impulses	A pulse of electrical energy	تکانه	
Entrance	An opening , a door , a gate	ورودی	
Chamber	An enclosed space or cavity	حفره	
Force	A measure of wind strength, physical strength or energy as an attribute of action	نیرو	
Exerted	To make an effort	اعمالشده	

Exchanged	Give something and receive something else	مبادله شده	
Relaxation	The state of being relaxed	استراحت	
Detected	To discover or recognize that something is present	مشخصشده،کشف شده	
Alternate	Occur or do in turn repeatedly	متناوببودن	
Designate	intended, marked out for, chosen	تخصیص دادن،نامیدن	
Surround	Encircled, be associated with situated at end of something	احاطه شدن	
Terminal	Final	انتهایی	
Conducting	Transmitting , the directing or managing of something	هدایتی	
Initiate	To put a scheme into operation	آغاز کردن	
Impulse	Stimulating force in a nerve causing a muscle to react	تکانه	
Pacemaker	An artificial device for stimulating and regulating the heart muscle , a part of an organ which controls	ضربان ساز،دستگاهتنظیم کننده ضربان قلب	
Contraction	The action of contrasting something or of being contracted ---- sings of contraction of a muscle	انقباضی	
Loudest	With a great deal of volume	بلندتر	
Pulse	The regular beating of blood through the body	نبض	
Determination	Fixing or finding the position	تعیین	
Ejected	To force out or expel from	خارج شده	
Auscultation	The act of listening to sound arising from organs inside body	صداهای درون بدن	
Accumulation	To gradually increase in number or amount	تجمع	
Sac	Cavity	حفره	
Inadequate	Not enough	ناکافی	
Blood supply	Equip body organs with blood	خونرسانی	
Disappears	To stop being visible	ناپدیدشدن	
Sensation	Awareness due to stimulation of a sense organ	احساس	

Back ward	Toward the behind	برگشتی	
Defective	Deficient , lacking	دچارنقص	
Occlusion	Obstruction	انسداد	
Gangrene -----	Local death of soft tissue due to loss of body supply	قانقاریا	
Hypersensitivity	Abnormally sensitive	حساسیتشدید	
Irregular	Not regular	نامنظم	
Beat	Pulsate	تپش	
Alternative	-----------	متناوب	
Conduction	The transmission of impulses	هدایت	
Contrast medium	A material which make contrast internal part with surrounded tissue	مادهحاجب	
Pattern	A reliable sample	الگو	
Associated	To join or connect together	پیوستن	
Drawing	Sketch	کشیدن	
Indirect	Not direct , not forward	غیرمستقیم	
Transducer	Converter	مبدل	
Opaque dye	Fluid for photographic negatives	مادهحاجب	
Catheter	A tubular medical device for insertion into canal for diagnostic	میلجراحی،سوند مثانه	
Lumen	The cavity of a tubular organ or part	مجرا	
surgical	Concerned with surgeons	جراحی	
Incision	To cut wound of body tissue in surgery	برش	
Inflatable	Capable of being inflated	قابل تورم	
Apparatus	The complex structure of an organization	دستگاه	
Inserted	Added to, placed in	داخل شده	
Takes over	Capture, take into command	بهعهدهگرفتن	
Awaiting	Waiting in one place until a certain time or event	منتظر	
Failure	Lack of success	نارسایی	
Blocking	Obstructing	مسدودکردن	
Receptor	Acceptor, receiver	رسپتور،گیرنده	
Antagonist	Adversary, opponent	مخالف	
Regulates	Control , manage	تنظیم کردن	
Rate	Grade , speed	سرعت	
Rhythm	Beat	تپش	

Heart beat	Pulse, beat of heart	زنشقلب	
Decrease	Decline , Reduction	کاهشدادن	
Strength	Power , intensity , force	قدرت انقباض	
Eliminates	Remove	دفع کردن	
Output	Product	برونده	
Local	Affecting a particular area of the body	موضعی	
Intravenously	Through a vein	درونوریدی	
Inhibiting	To reduce or suppress	جلوگیری	
Reabsorption	Instance of taking in	بازجذب	
Angina	Sore throat	گلودرد	
Dilate	Become expand	متسع	
Pertain	Related	وابسته بودن، متعلق بودن	183
Cardiomyopathy	Any disease of the heart muscle	هر بیماری مربوط به عضله قلب	183
Ateriotomy	Surgical incision of an atrium	برش جراحی دهلیز	183
Valvulotome	Instrument for incising the valve	وسیله ای برای بریدن یک دریچه	183
Enlargement	Make something larger	توسعه، بزرگی	184
Angi	Vessel	رگ	184
Angiography	x-ray imaging of a vessel	تصویربرداری اشعه ایکس از رگ	184
Vas/o, vasoul/o	Vessel , duct	رگ	184
Vasospasm	Sudden contraction of a vessel	انقباض ناگهانی رگ	184
Displacement	The action of moving sth from its place	تغییر مکان	184
Down ward	Towards a lower place or level	روبه پایین	184
Aortoptosis	Downward displacement of the aorta	تغییر مکان روبه پایین آئورت	184
Phleb	Vein	ورید	184
Withdraw	Take away from a position	پس گرفتن	184
Phlebotomy	Incision of a vein to with draw blood	برش یک ورید برای پس گرفتن خون	184
Edema	A condition characterized by an excess of watery fluid collecting in the cavities of body	ورم	184

Swell	Inflate	تورم	184
Dilatation	Become widen	انبساط	185
Aspect	View	ظاهر	185
Restrict	Put a limit on/ keep under control	محدودکردن	185
Predispose	Make susceptible	مستعد کردن	185
Interrupt	Stop the continuous progress	منقطع کردن، گسیختن	185
Necrosis	Tissue dead	مرگ بافت	185
Block age	Clot, stoppage	انسداد	185
Mass	Large amount	توده	185
Trauma	Physical injury	زخم	185
Lodge	Make or become in a place	منزل کردن	185
Threaten	Cause to be at risk	تهدید کردن	185
Embolism	something that blocks a tube carrying blood	انسداد جریان خون	186
Malformation	Abnormally	ناهنجاری	186
Rupture	Break or burst suddenly	قطع کردن	186
Hemorrhage	A medical condition in which a person bleed a lot	خون ریزی	186
Dissect	To cut up the body of a dead animal or person in order to study it	تشریح کردن	186
Graft	Transplant	پیوند	186
Essential	Necessary	ضروری ، اساسی	186
Diuresis	Increased or excessive production of urine	تکرر ادرار	186
Industrialize	Develop industries in a country on a wide scale	صنعتی کردن	186
Angina	Sore throat	گلودرد، ورم گلو	186
Exertion	Physical or mental effort	اعمال زور	186
Diaphoretic	Sweating heavily	عرق آور	186
Profuse	Very plentiful / abundant	پر، زیاد	186
Dyspnea	Having problem in breathing	ناراحتی در تنفس	186
Catheter	A flexible tube inserted through a narrow opening into a body cavity, particularly the bladder for removing fluid	سوند	186
Dye	To color	رنگ کردن	187

administration	The act of administering	اداره کل- اجرا	
catheterization	a medical procedure which insert cather into the bode	جایگذاری وسیله ای پزشکی	
narrow	Opposite wide	تنگ	
angioplasty	An operation to repair a damaged blood	عمل جراهی تعمیر عروق اسیب دیده	
distend	Swell or cause to swell	متورم شدن	
noninvasive	Opposite invasive	تکنیکی بدون سوراخ کردن پوست	
deposit	To lay down	ته نشین شدن	
associate	To join or connect	وابسته کردن	
Indicate	To show	نمایان ساختن	
Predict	Foretell	پیش بینی	
catheter	Name of instrument for passing	سوند-کاتتر-وسیله پژشکی	
percutaneous	Along mucous canals through the unbroken skin	زیر پوستی	
stent	A splint placed inside a duct, canal or blood vessel to aid healing or relieve an obstruction	متوقف کردن	
Mesh	Net between knots	شبکه	
recoil	To fall back , spring back	عود کردن-برگشتن	
bare	Without anything to cover up	لخت	
Gradually	In degree	بتدریج	
Plaque	Any flat, thin piece of material	لوحه-صفحه کوچک	
occlusion	Blockage	انسداد	
Inflate	To swell	باد کردن-تورم کردن	
Deflate	Opposite inflate	جلوگیری از تورم	
Further	To greater distance	جلوتر-پیش بردن	
Intervention	The act of intervening	مداخله	
Bypass	A surgical operation to make an alternative passage to aid the circulation of blood	بای پس	
Graft	Tissue transplanted form one to another	پیوند	
Mammary	Pertaining to mammals	مربوط به پستانداران	
Saphenous	Applied to the two principal superficial veins of the lower limb	سیاهرگ پا	

Obstruction	Blockage	انسداد	
Infraction	The act of infarct	انفارکتوس	
Degenerative	Producing degeneration	فاسد کننده	
Predispose	To dispose	مستعد کردن	
Infarct	An embolus in one of the blood vessel	دچار انفاکتوس	
Extend	Widen	توسعه دادن-داراز کردن	
Jaw	One of the bones, bearing teeth	فک	
Pallor	Lack of color	زردرنگی-کم رنگی	
nausea	Qualm	حالت تهوع	
Diaphoresis	An increase of perspiration	تعرق زیاد	
Fatigue	Loss of strength	خستگی عضو	
Dyspnea	Difficult respiration	ناراحتی در تنفس	
Sensation	Impression	احساس	
Heart burn	A pain senation in the chest	سوزش قلب	
Subtle	Artful	زیرک-دقیق	
Diffuse	To pour out and cause to spread	منتشرشدن	
Intense	Extreme in degree	سخت شدید	
Assay	Attempt-examination	ازمایش	
Outcome	Result	نتیجه	
Alter	To change	تغییر دادن	
Interruption	The act of interrupting	ایجاد وقفه	
Classified	Arranged into classes	رده بندی	
Severity	The state of being severe	شدت	
Implant	Insert or fix into the body	کاشتن	
Regulate	To adjust by rule	تنظیم کردن	
Thread	To form a thread-filament of any substance	رشته رشته شدن	
Adjust	To fit	تنظیم کردن	
restoration	The act of restoring	استرداد	
Either	Each of two-one of two	این وان	
Application	The act of applying	کاربرد	
Fibrillation	Reduced to fibers	رشته رشته سازی	
Resuscitation	rescue form unconsciousness	احیا –بهوش اوردن	
Mall	Promenade	تفرجگاه	

Venue	Beginning	اغاز	
Detect	To discover	کشف کردن	
implantable	Be able to be implanted	قابل کاشت	
potential	The energy of an electrical charge	پتانسیل	
ablation	The surgical removal of body tissue	قطع عضوی از بدن	
portion	That which is separated as part of a whole	سهم- قسمت	
ablate	Remove an organ or body structure	بریدن- قطع کردن	
Defect	Lack/absence of something necessary	نقص- معیوب ساختن	
beneath	Lower status or worth than	پایین- تحت فشار	
congestive	Pertaining to indicating	وابسته به تراکم	
Justify	Prove to be right	توجیه کردن	
Description	The act of describing	وصف- تشریح	
Retention	Protect from something	حفظ- نگهداری	
Strengthen	To make strong	قوی کردن	
Diuretic	Tending to increase urine	افزایش ادرار	
Eliminate	To cause to disappear/omit	زدودن- از بین بردن	
Contraction	shortening of muscle, spasm	انقباض	
Acute	Symptoms of some degree of severity	حاد- بحرانی	
Disturbance/interruption	Confusion of the mind	اختلال	
hypovolemic	Relating to a decrease in volume of circulating blood	کاهش خون	
Septic	Infected with bacteria	گندیده- آلوده	
anaphylactic	Pertaining to anaphylaxis	آنافیلاکسی	189
Persistence	Insistence	اصرار- پافشاری	190
Fetal	Relating to a fetus	جنینی	
Patent	Obvious		
Contraction	Being narrow	تنگی- فشردگی	
Restrict	To limit	محدود کردن	
malformation	Irregular formation	ناهنجاری	
Evidence	Proof	گواه- مدرک	
Strep throat	An infection of oral pharynx	گلو درد میکروبی	
Stenosis	stricture, narrowing of a vessel or passage	تنگی مجرا	
Leaflet	Brochure/booklet	رساله- ورقه	

Interfere	To enter into/interact/intervene	دخالت کردن	
Rheumatic	Pertaining to rheumatism	رماتیسم	
valvular	Pertaining to valve	دریچه مانند- سوپاپ مانند	
prophylactic	Intended to prevent disease	پیشگیری کننده	
invasive	Tending to spread very quickly and harmfully	تحاجمی	
incidence	The rate or frequency of a disease	وقوع/شیوع بیماری	
correction	The act of replacing mistake	تصحیح	
decline	Become less/decrease persisting	کاهش	
chronic	Persisting for long time	مزمن/شدید	
dilation	State of being dilated/becoming wider/larger or more open	آماس	
twist	To complicate/ to crook spirally/rotate around / move around each other	پیچ خوردگی	
contribute	Give in order to help achieve	هم کاری کردن	
heredity	The process whereby genetic factors are transmitted	وراثت	
obesity	The state of being so fat	مرض چاقی	
prolong	Extend the duration of time	طولانی کردن	
impede	Delay or prevent someone or something by obstructing them	مانع شدن	
varicosity	The state of being varicosed	واریس	
Ulceration	Ulcer	زخم	
hemorrhage	Any discharge of blood from vessels	خون ریزی	
phlebitis	Inflammation of a vein	التهاب وریدها	
initiate	Begin/to start	آغاز کردن	
Oppose/contrast	To place in front of	مخالفت کردن	
reduction	The operation of restoring a dislocated part to its former place	نوعی عمل جراحی در پزشکی	
drainage	The act of drawing off the pus	چرک گیری	
obtain	To gain/provide	بدست آوردن/فراهم کردن	
burst	To break	قطع کردن	
constriction	Becoming narrower	تنگی- انقباض	
exertion	Make a physical or mental effort	اعمال زور	

rupture	Break or burst suddenly	پارگی/جدا کردن	
clubbing	A condition in which the ends of toes and fingers become wide	بزرگ شدن انگشت دست یاپا	
peripheral	A way from the center/marginal	محیطی	
restriction	Limitation	محدودیت	
Bluish	Somewhat blue	مایل به ابی	192
Discoloration	Lack of color	بی رنگی	192
Sweat	A fluid which is excreted from skin	عرق	192
Profuse	Abundant-plentiful	فراوان	192
Malnutrition	Imperfect nutrition	سوء تغذیه	192
Spontaneous	Happening without apparent external cause	خود به خود	192
Quivering	A shaky motion	لرزیدن-ارتعاش	192
Ineffectual	Without effect	بیهوده	192
Interference	The action of interfering	مداخله	192
Maintain	Continue to do something	ادامه دادن	192
Obstruction	Blockage	حواس پرت کردن	192
Murmur	An abnormal heart sound	صدای غیر نرمال قلبی	192
Scarring	A mark	نشان دار	192
Temporary	Necessary-for a short time	موقتی	193
193Consciousness	Awareness	هوشیاری	193
Fainting	Loss of consciousness	غش کردن	193
Reopen	To open again	دوباره باز شدن	193
Accomplished	Finished	انجام شده-تربیت شده	193
Inflating	To swell	ورم کردن	193
Installing	Establish-setup	نصب کردن	193
Arrest	To stop heart beating	ایست قلبی	193
Compression	Reduce in volume	فشردگی	193
Creation	Produce	خلقت	194
Visualizing	imagine; make image of internal organs by means of x-rays	تجسم کردن	194
Correlated	Mutually related	هم بسته	194
Coil	Twist	مارپیچ-حلزونی	194
Thallium	metallic chemical element	عنصر تالیم	194
Trace	follow; find; investigate	تعقیب	194

Excess	A larger amount of something than is allowed or needed	زیادی	195
Up ward	Moving or pointing towards a higher position	بالایی	195
Impurity	The state of being impure	آلودگی، چرک	195
Invade	Enter to occupy it	حمله کردن، وارد شدن	195
Inhale	Breathe in	دم	195
Armpit	The hollow	بغل، زیربغل	196
Aggregate	Total – mass	جمع کردن، توده – مجموع	197
Reddish	Somewhat red	مایل به قرمز	197
Beneath	A lower position, below	پایین تر	197
Resemble	Like	شباهت داشتن	197
Lymphaden	Lymph node	گره لنفی	197
Lymphangiogram	x-ray image of lymphatic vessel	تصویر برداری اشعه ایکس از رگ لنفی	197
Splenalgia	Pain in the spleen	درد در طحال	197
Athymia	Absence of the tymus	فقدان تیموس	197
Tonsllar	Pertaining to a tonsil	در ارتباط با لوزه	197
Lymphoma	Any neoplastic disease of lymphoid tissue	سرطان بافت لنفاوی	198
Lymphangitis	Inflammation of the tissue lymphatic vessels	التهاب عروق لنفاوی	198
Streak	A narrow marking of a different color from the background	رگ	198
Convert	Change the form	تبدیل کردن	203
Premature	Occurring or done before the usual time – soon	نابالغ	203
Regurgitation	`back flow of blood through a defective valve	برگشت خون	203
Defect	An Imperfection in a bodily system	نقص	203
Tachycardia	An abnormally rapid heart beat	طپش قلب بیش از حد نرمال	203
Bypass	A surgically created shunt	عمل بای پس	203
Congestive	Relating or affected by an abnormal collection of blood	وابسته به تراکم	203
Resuscitation	Act of a reviving a person and returning	احیا، به هوش آوری	203

	then to conscious		
Tomography	Obtaining pictures of the interior of the body	پرتو نگاری مقطعی	203
Chronic	Being long – lasting	مزمن	203
Insufficiency	Disability	ناتوانی، عجز	203
Cardioverter	is a small battery-powered electrical impulse generator that is implanted in patients who are at risk of sudden cardiac death due to ventricular fibrillation and ventricular tachycardia	نوعی وسیله پزشکی	203
Implantable	Be able to placed a prosthesis permantly in tissue	قابل کاشت	203
Delay	Act later than planned , scheduled or required	تأخیر، به تأخیر افتادن	203
Reflux	Return	برگشت	204
Stenosis	Abnormal narrowing of a bodily canal	تنگ شدن مجرا	204
Multigated	Having several valves	چند دریچه ای	204
Acquisition	Sth . acquired	اکتساب	204
Prolapse	The slipping or falling out of a place of an organ	پایین افتادگی	204
Percutaneous	Through the unbroken skin	از راه پوست، زیرپوستی	204
Intervention	Inter ference	مداخله	204
Transluminal	Across a lumen	اطراف مجرایی	204
Transesophageal	Beyond esophagus	مربوط به اطراف مری	204
underwent	Bear	تحمل کردن	204
Recurrence	Happening again	رخ دادن مجدد	204
Preexist	Exist beforehand	قبلاً وجود داشتن	204
Prohibit	For bid	منع کردن، تحریم کردن	204
Boot camp	training camp for new soldiers	اردوگاه تعلیمات نظامی نیروی دریایی	204
Occlusion	Blockage	انسداد	207
Quiver	The act of vibrating	لرزیدن ، ارتعاش	207
Twist	Rotating	پیچ دار کردن، پیچ خوردگی	207
Swollen	Abnormally expanded / blown	ورم کردن	207

Stroke	Shot – a sudden loss of consciousness…	ضربه ، سکته	208
Dissolve	Become incorporated into a liquid	حل کردن، آب کردن	208
Termination	End point	پایان ، خاتمه	208
Sphygmomanometer	A pressure gauge for measuring blood pressure	نبض وفشارسنج	209
Aden	Gland	غده	210
Admit	Accept	پذیرفتن	212
Span	Interval	فاصله ی معین، اندازه	212
up take	Understand	فهم و. درک	212
Popliteal	Of or relating to the area behind the knee joint	وابسته به پس زانو	212
Dusky	natural having skin of a dark color	سیاه ، تیره پوست	212
Cyanotic	Having the color caused by cyanosis	رنج کبود	212
Anesthesia	Loss of bodily sensation with loss of consciousness	بی هوشی	212
Dilated	Become expanded	متسع شده	212
Reveal	Make visible	آشکار کردن، فاش کردن	212
Corporeal	Physically	مادی، بدنی	212
clamp	A device that holds things firmly together	گیره بند	212
Intermit	Cease an action temporarily	قطع کردن	212
Attainment	Achievement	دست یابی	212
Counteract	Act in opposition to	بی اثر کردن	212
amplitude	The maximum displacement of a periodic wave - magnitude	فراوانی ، بزرگی، دامنه	213

Chapter 10

Blood and Immunity

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Word	English definition / Synonym	Persian translation	Page
Multiple	More than one	تعدد	216
Choice	The person or thing that someone chooses.	انتخاب،گزینه	
Scientific	About science	علمی	
Platelets	Thrombocytes	پلاکت	
Involve	If an activity or situation involves something, that thing is part of it or a result of it.	درگیر شدن	
Clot	Coagulate	لخته شدن،لخته‌ی خون	
Adipose	Of or relating to fat.	چربی،وابسته به چربی	
Counteract	Work against	خنثی کردن	
Material	What you use for making or doing something.	ماده	
Deficiency	Lack	کمبود،نقص	
Neoplastic	Of or relating to a neoplasm or neoplasia	توموری	
Overgrowth	Grow more than normally	رشد بیش از حد	
Leukemia	Cancer of the blood	سرطان خون	
Fibrosis	Excessive growth of fibrous tissue in an organ	تصلب بافت ها،افزایش باقت ایمنی	
Cystitis	Inflammation of the urinary bladder	التهاب مثانه	
Circulate	Pass around	چرخیدن	
Nourishment	Food, Nutrient	خوراک، تغذیه	
Distribute	To share things among a group of people	تقسیم کردن	
Component	Ingredient	اجزا،سازه	
Total	Whole, Complete	همه	
Divide	Separate	تقسیم کردن	
Portion	A part of something larger	بخش	
Percent	In each hundred	درصد	
Element	One part or feature of a whole system	عصر،جزء	
composition	The way in which something is made up of different parts, things or members.	ترکیب	
Percentage	In each hundred	درصد	
Proportion	The amount or size of one thing compared to another	سهم،نسبت	

Visible	Able to be seen	مرئی	217
Remain	Be left; of persons, questions, problems, results, evidence, etc.	باقی ماندن	
Dissolve	To reduce (solid matter) to liquid form	حل شده	
Albumin	A kind of protein	آلبومین	
Steady	Stays the same	یکسان،ثابت	
Summarize	To make something short	خلاصه کردن	
Discuss	Talk about something	بحث کردن	
Function	Duty, task	وظیفه	
Iron	Have something inside to	شامل بودن	
Pigment	Any substance whose presence in plant or animal tissues produces a characteristic color	رنگ‌دانه	
Nuclei	Plural of nucleus, the central part of atom	هسته	
Concentration	Gathering, a large number of something in a particular place or among particular people.	غلظت	
Per	Each	هر	
Numerous	Very, many	زیاد	
Produce	Create or manufacture a man-made product.	محصول	
Average	The usual level or amount for most people or things.	مقدار متوسط	
Gradually	Progressively	رفته رفته	
Wear out	Become old	کهنه و فرسوده شدن	
Constantly	Happened all the time, continually	بادوام،پایدار	
Regulate	To control an activity or process, especially by rules.	تنظیم کردن	
Prominent	Easily seen	قابل دیدن	
Stain	To change the color of something by using liquid.	رنگ کردن	
Vary	Differ	متفاوت بودن	
Compare	To consider two or more things or people in order to shoe how they are similar or different.	مقایسه کردن	
Weakly	Lacking bodily or muscular strength or vitality.	به طور ضعیف	
Illustrate	To make the meaning of something cleaner by giving examples.	شرح دادن با مثال	
Curve	A line that is not straight, like part of a circle	خمیده	218

Engulf	To completely surround or cover something.	فرا گرفتن	
Process	A particular course of action intended to achieve a result.	فرآیند	
Diagnosis	Process of identifying a disease from its symptoms.	تشخیص	
Count	Determine the number or amount of.	شمار،تعداد	
Polymorph	Organism which has many forms.	چند شکل	
Refer	To mention or speak about something or someone	ذکر کردن،نامیدن	
Seg	Segment	بخش	
Poly	Many, multiple	چند	
Stab	A strong blow with a knife or other sharp pointed instrument	ضربه با شی نوک تیز	
Immature	Not fully developed	نابالغ	
Indicate	Show, point, suggest	حاکی بودن،نشان دادن	
Dimension	A construct whereby objects or individuals can be distinguished	بُعد	
Fragment	Piece, part	قطعه	
Prevention	Avoidance, when something bad is stopped from happening.	جلوگیری	
Coagulation	Becoming clotted	لخته شدن،انعقاد خون	
Stick	Affix, fasten, attach	چسبیدن،وصل کردن	
Plug	Block	پلاک	
Site	Place	جا،مکان	
Interact	Affect each other	تعامل،متقابلاً اثر کردن	
Sealing	act of closing off against entry or leakage	محکم بستن، مهروموم کردن	
Formation	The process by which something develops into a particular thing or shape.	تشکیل	
Thread	The cord	رشته	
Trap	Capture	به دام انداختن	
Determine	To find out the facts about something.	مشخص کردن	
Familiar	Well known, easy to recognize	آشنا	
Antisera	Serum containing antibodies.	سرم حاوی پادتن	
Clump	From a group or solid mass.	رسوب کردن	
Correspond	Match	به‌هم مربوط بودن،مشابه بودن	

Agglutinate	Fastened, to clump or cause to clump as bacteria or blood.	چسباندن	
Transfusion	Act of transfusing	تزریق	219
Recipient	Receiver, an individual who receives biological material from a donor.	گیرنده	
Emergency	A sudden unforeseen crisis (usually involving danger) that requires immediate action.	غیرمنتظره	
Induce	Influence, to cause a particular physical condition.	تحریک شدن، القا کردن	
Response	Reply, reaction.	پاسخ	
Donor	Giver	دهنده	
Mature	Fully grown and developed.	بالغ	220
Band cell	Immature neutrophil	نوتروفیل نابالغ	
Fraction	A part of whole	قسمت،کسر	
Packed	Compressed, arranged	فشرده،بسته بندی شده	
Administer	To give someone a medicine or medical treatment.		220
Smear	Material spread on a surface.	توزیع کردن چیزی که روی سطحی پخش شده	
Preliminary	Happening before s.th that is more important often in order to prepare for it.	مقدماتی	220
Complex	Complicated	پیچیده	220
Lead	Cause	منجر شدن	220
Inborn	Present at birth, hereditary	ارثی,مادرزادی	220
Acquired	Arising in response to the action of the environment on the organism as in the use or disuse of an organ.	اکتسابی	220
Invade	To enter and spread within either normally or abnormally often with harmful effects.	حمله کردن, تهاجم	220
Innate	Inborn , native	مادرزادی	221
Makeup	Structure, compound.	ترکیب,ساختار	221
Barrier	A rule, problem, etc that prevents people from doing s.th.	مانع	221
Tiny	Small.	کوچک	221
Sweep	Act of cleaning.	رفتن,زدودن	221
Impurity	State of being morally unclean.	آلودگی.	221
Bactericidal	Destroying bacteria	باکتری کش	221
Tears	Droplet of salty fluid that comes out of your	اشک	221

	eyes when you are crying.		
Cough (v.)	To expel air from the lungs suddenly with an explosive noise usually in a series of effort.	سرفه کردن	221
Sneeze (v.)	Involuntarily expulsion of air from the nose	عطسه کردن	221
Expel	Exile, to force air, water, or gas, etc out of your body or out of a container.	به زورخارج کردن بیرون انداختن	221
Ingest	Take in, digest.	فرو بردن.	221
Adaptive	Versatile, capable of, suited to or contributing to adaption.	توافقی. سازش پذیر	221
Direct	To aim s.th in a particular direction.	به دست آوردن	221
Chickenpox	Type of diseases by red itchy blisters on the skin.	آبله مرغان	221
Toward	In direction of.	به سوی	221
Interaction	Mutual action.	تعامل	221
Provoke	To cause a reaction or feeling, Specially a sudden one.	برانگیختن.	221
Capable	Skilled.	توانا.	221
Descendent	Descending from the family of	نسل.	221
Contact	Connect, connect, when you meet s.one or experience a particular kind of thing.	تماس.	222
Placenta	The vascular organ that unites the fetus to the maternal uterus	جفت.	
Passive	Opposite of active	غیر فعال.	
Sera	(Plural form of serum) the watery portion of an animal fluid remaining after coagulation.	سرم.	
Fetus	An unborn vertebrate especially after attaining the basic structural plan of its kind.	جنین.	
Respectively	In the same order the things you have just mention.	به ترتیب.	
Bound	Past tense verb 'bind', fastened.	متصل شدن.	
Render	to cause someone or s.th to be in a particular condition.	در آوردن.تسلیم کردن.	
Elimination	The removal or destruction of s.th.	حذف.	
Artificial	Not nature.	مصنوعی.	
Administration	The act of giving medicine	مصرف دارو.درمان. تجویز دارو.	
Obtain	Achieve, get.	گرفتن.	
Chart	Graph, diagram.	نمودار.جدول.	

Description	A piece of writing or speech that gives details about what someone or s.th.	شرح.توصیف.	
Barest	The very least amount of s.th that you need to do s.th.	ساده.	
Outline	Summary, the main fact without details.	طرح کلی.	
Individual	A person considered separately from the rest of the group or society that they live in	فرد.شخصی.	
Rejection	The act of not accepting, believing in or agreeing with s.th.	رد کردن.	
Technique	Method	شیوه.مهارت.	
Hereditary	Passed down genetically.	ارثی.	
Transplant (v.)	Re locates, to transfer from one place to another especially an organ from one part or individual to another.	پیوند عضو.	
Transplant (n.)	The organ that is moved in transplant operation.	عضو پیوند شده.	
Trace	To final someone or s.th that has disappear by searching them carefully.	ردیابی کردن.	
Parasites	Organism which lives on or inside another organism.	انگل.	
Solution	A liquid in which a solid or gas has been mixed.	محلول.	
Apply	Use	بکار بردن.	
Precursor	A substance, cell or cellular component from which another substance, cell or cellular component is formed especially by natural processes.	ماده متشکله جسم جدید.	
Stoppage (n.)	When S.th stops moving or happening.	ایست.	
Equivalent (n.)	S.th that has the same value, purpose, job, etc as s.th else.	معادل.	
Presence	When someone or s.th is present in a particular place. Opposite of absence.	حضور.	225
Pus	Thick opaque usually yellowish white fluid matter formed by suppuration and composed of exudates containing leukocytes, tissue debris and microorganism.	چرک.	225
Excess	Additional	اضافه.	225
Designate	To represent or refer to s.th using a particular sings name ,etc.	معین کردن.	225
So on	Etcetera	وغیره.	225
Ischemia	Localized anemia caused by an obstruction.	کم خونی موضعی.	226

Profuse (adj.)	Plentiful.	فراوان.	226
Device	A machine or tool that doses a special job.	ابزار.وسیله.	226
Urine	The yellow liquid waste that comes out of the body from the bladder.	ادرار.	227
Deposition	The natural process of depositing a substance on rocks or soil.	گواهی.نوشته.	227
Excretion (n.)	The process of getting rid of waste material from the body.	دفع.	227
Aspect	Point of view.	جنبه.	228
Describe	Delineated.	توصیف کردن.	228
Fatigue	Weariness, very great tiredness, exhaustion.	خستگی.	228
Palpitation	A rapid pulsation especially abnormally rapid or irregular beating.	ضربان تند و نامنظم قلب.	228
Pallor	Deficiency of color especially of the face.	رنگ پریدگی.	228
Irritability	Touchy, abnormal or excessive excitability to annoyance, impatience or anger.	حساسیت.	228
Excessively (adv.)	Excessive (adj.),extra	افراطی	229
Faulty (adj.)	Damaged opposite of correct	معیوب.	229
Due to	Because of s.th	به علت.	229
Impaired (adj.)	Damaged, less strong	معیوب.	229
Mortality	Rate of death.	مرگ و میر.	229
Lactating	Someone who produces milk.	شیرده.	229
Abuse	Misuse.	بد استهمال کردن.	229
Supplementation	Increase s.th to an acceptable level by adding s.th else to it.	تکمیل.	229
Pernicious	Harmful.	زیان آور.مهلک.	229
Pernicious anemia	A severe hyper chromic anemia marked by a progressive decrease in number and increase in size and hemoglobin content of the RBC.	کم خونی خطرناک.	229
Intrinsic	Being part of the nature or character of someone or s.th.	داخلی.	229
Adequate	Sufficient	کافی.	229
Manufacture	Make, produce.	ساختن.	229
Exposure	When someone is in a situation where they are not from s.th dangerous or unpleasant.	در معرض گذاری.	229
Precipitate	To separate a solid substance from a liquid by chemical action, or to be separated in this way, settle out.	ته نشینی.	229
Chronic	Constant, a cute	شدید.مزمن.	229

Ulcer	Sore, a break in skin or mucous with loss of surface tissue.	زخم.	229
Hereditary	Passed down genetically.	ارثی.	229
Mediterranean	Of Mediterranean sea.	وابسته به دریای مدیترانه.	229
Mutation	A change in the genetic structure.	جهش.	229
Severe	Very serious.	شدید.	229
Sickle	A tool with blade in the shape of a hook, used for cutting wheat or long gross.	داس.	229
Alter	Modify, to change or to make someone or s.th change.	تغییر دادن.	229
Settle	Move down, clear up.	ته نشین شدن	229
Distort	Deform, to change a situation from the way it would naturally be.	از شکل طبیعی خارج کردن.	229
Aplastic anemia	Anemia that is characterized by defective function of the blood-forming organs and cause by toxic agents or is idiopathic in origin.	آنمی حاصل از نقص ارگانهای سازنده خون.	229
Deprive	To prevent someone from having s.th specially s.th that they need or should have.	محروم کردن.	229
Crescent	Like a new moon.	هلالی شکل.	229
Crisis	Reaching the worst point, turning point, emergency.	بحران.	229
Predominate	Control, if one type of person or thing predominates in a group or area there are more of this type than any other.	غالب.	229
Defect	Imperfection, lack of s.th.	عیب.	229
Trait (n.)	Characteristic (n.).	ویژگی.نشان.	230
Altitude	The height of an object or place above the sea.	ارتفاع .بلندی.	230
Offspring	Descendants.	زادولد.منشا	230
Destruction	Desolation.	خرابی.ویرانی	230
Failure	Lack of success.	شکست.خرابی.	230
Term	Name, call.	نامیدن.	230
Agents	Representative.	عامل.مأمور.	230
offspring	A persons' child or children	فرزند – اولاد	230
anemia	A deficiency of red cells and characterized by weakness and breathlessness	کم خونی	230

Genetic(adj)	Relating to genes or heredity	پیدایشی - تکوینی	230
disease	A disorder of structure or function	نا خوشی – بیماری	230
carrier	A person that transmit a disease-causing organism to others	ناقل - حامل	230
birth	The beginning or coming into existence	زایش – تولد	230
Reticulocyte	An immature red blood cell	گلبول قرمز نابالغ	230
Useful	Able to be used for a purpose	سودمند - مفید	230
cause	Make happen	سبب – سبب شدن	230
normally	Under normal or usual conditions	در حال عادی - معمولا	230
total	Complete, the whole number	کلی - تام	230
hemorrhage	bleed heavily	خون ریزی	230
destruction	The action or process of causing so much damage	خرابی – انهدام	230
failure	Lack of success	قصور – عدم موفقیت	230
production	The process of being so manufactured	تولید – ساخت	230
Nutritional	providing nutrition; of or pertaining to nutrition	مغذی	230
deficiency	A lack or shortage	کمی – کمبود	230
Coagulation	Same-solid blood	انعقاد- لختگی	230
Disorder	A state of confusion	بی نظمی - اختلال	231
Platelet	A small color less disc-shaped cell	پلاکت های خونی	230
Condition	A person's state of health physical fitness	حالت – وضعیت	230
Term	Give a describe name to	نامیدن	230
Thrombocytopenia	Deficiency of platelet in blood	کمبود پلاکت	230
Include	Comprise or contain as a part of a whole	شامل شدن- در برداشتن	230
Infection	The process of infecting	عفونت – مرض	230
Marrow	A soft fatty substance in the cavities of bone	مغز استخوان	230
Agent	A thing that takes an active role	نماینده – عامل	230
Drug	A medicine or other substances	دارو	231
Bleeding	Lose blood from the body as a result of injury	خون ریزان	231
Membrane	A pliable sheet like structure action as a boundary	غشا –پرده	231
Variously	In several different ways	بطور موقت – متنوع	231
Describe	Give a detailed account in words of	شرح دادن	231
petechiae	A small red or purple spot cause by bleeding in to skin	دانه حصبه ،لکه خون مردگی	231

Spot	A small round or roundish mark	خال – لک	231
Pinpoint	A tiny dot or point	چیز کوچک	231
Braise	An injury appearing as a area of discolored skin	کبود شدگی	231
Lesion	A region in organ which damage though in injury	زخم- جراحت	231
Disseminate	Spread widely	منتشر کردن	231
Widespread	Found or distributed over a large area	شایع- گسترده	231
Clothing	Any of substances in plasma which involve in clothing	لختگی	231
Obstruct	Block opening path	مانع شدن- مسدود شدن	231
Tissue	Consisting of special cell and product	بافت – نسج	231
Diffuse	Spread over a wide area	منتشر شدن – پخش کردن	231
Impair	Weaken or damage a human faculty	خراب کردن- زیان رساندن	231
Injury	An instance of being injured	آسیب - صدمه	231
Harmful	Causing or likely to cause harm	مضر- پرگزند	231
Viral	Caused by a virus	ویروسی	
Category	A class or division of people or things	دسته - طبقه	
Determine	Ascertain or establish exactly by research or calculation	تعیین کردن	
Myelogenic	Produced in the bone marrow	وابسته به مغز استخوان	
Granular	Resembling or consisting of small grins	دانه دانه	
Lymphadenpathy	A disease affecting the lymph nodes	بیماری گره لنفاوی	
Adverse	Unfavorable	مخالف - مغایر	
Immune	Resistant to a particular infection	مصون – محفوظ کردن	
Further(adj.)	Then/ additional or what already exist or has already taken place/ been done or been accounted for	بعدا	
Differentiate	Recognize or ascertain what makes different	فرق گذاشتن	
Acute	Present or experienced to a severe degree	حاد - بحرانی	
Progress	Forward movement toward a destination	پیشرفت کردن	
Sex-linked	Tending to be associated with one sex	وابسته به جنسیت	
Son	A boy or man in relation to either or both of his parents	فرزند پسر	
Joint	A structure in the human or animal body at which two parts of the skeleton are fitted together	مفصل	

Treat	Give medical care or attention to/ try to heal or cure	درمان کردن	
Neoplasm	A new and abnormal growth of tissue		
Leukemia	A progressive, malignant disease of the blood forming organs	سرطان خون	
Rapidly (adv.)	Form of rapid: happening in a short time	با سرعت	
Divide (v.)	Separate or be separated into parts	تقسیم کردن – بخش کردن	
Incompetent	Not having or showing the necessary skills	نامناسب – غیر کافی	
Accumulate	Gather together or acquire an increasing number	انباشتن – جمع شدن	
Crowd(s.o/s.th out)	Exclude someone or something by taking their place	جمعیت – ازدحام کردن	
Splenomegaly	Abnormal enlargement of the spleen	بزرگ شدن غیر عادی طحال	
Enlargement	The action or state of enlarging	توسعه - بزرگی	
Myeloblastic leukemia	A form arising from myeloid tissue in which polymorph nuclear leukocytes and their precursors predominate	سرطان خون مربوط بهپسلولهای رده سیلوییدی	
Lymphoblastic	An abnormal cell resembling a large lymphocyte/ producing lymphocytes	سلول نرسیده لنفی	
Remission	A temporary diminution of the severity of the severity of disease or pain	بهبود	
Shift	Move or cause to move	تغییر مکان - انتقال	
Readily	Willingly	با میل - بسهولت	
Hodgkin	Often curable disease of lymphatic tissue		
Reed-Sternberg	Giant histolytic cells, usually with several nuclei that are the common histological characteristic of Hodgkin disease	نوعی سلول که مشخصه بافت شناسانه بیماری hodgkinهستند	
Fever	An abnormally high body temperature	تب	
Itching	Be the site of or cause itch	خاریدن	
Pruritus	Skin itching	خارش	
Malignant	Tending to invade normal tissue	بدخیم - بدطینت	
Severity		سختی - شدت	
prevalent	Widespread in a particular area	رایج-شایع	
Chemotherapy	The treatment of disease by the use of substance	شیمی درمانی	
Susceptibility	Easily hurt	حساسیت	

Hypersensitivity	Having extreme physical sensitivity	حساسیت شدید	232
Overreaction	Responding more emotionally	عکس العمل بیش از اندازه	
Antigen	A toxin or other foreign substance	پادزا - پادگن	
Allergen	A substance that cause an allergic reaction	ماده ای که باعث حساسیت میشود	
Pollen	A fine powdery substance consisting of microscopic giant discharge from the male part of the flower	گرده	
Dander	Flakes of skin in an animal's fur or hair	شوره	
Dust	Waste matter, dry powder	خاک – گرد و غبار	
Inhale	Breath in	تنفس کردن	
Hay fever	An allergy caused by pollen	تب یونجه	
Redness	Being red	قرمزی	
Conjunctivitis	Inflammation of the conjunctive of the eye	ورم ملتحمه	
Rash	An area of redness and spots	محل خارش - جوش	
Asthma	Difficulty in breathing	تنگی نفس - آسم	
Rhinitis	Inflammation of the mucous membrane of nose	التهاب مخاط بینی	
Urticaria	A rash of wound ,red welts on skin	کهیر – خارش - سوزش	
Hives	Red welts on skin	کهیر	
Angioedem	A localized edematous reaction of the deep dermis or subcutaneous or sub mucosal tissue	تورم غدد عروقی	
Layer	A thickness of material	لایه	
Generalized	Affecting much or all of body	تعمیم یافته - کلی	
Respiratory	Relating to the respiration organs	تنفسی	232
Immediate	occurring or done at once	بی درنگ-فوری	232
Maintenance	The stable that such a procedure or drug provides-keeping something in good condition	نگه داری-شرایط ثباتی که دارو فراهم میکند	232
Airway	A tube for supplying air to lungs	راه هوایی	232
Corticosteroid	Any of group of steroid hormones	هورمون های استروئیدی	2322 32
Insect	A small arthropod animal	حشره	232
Venom	Poisonous fluid secreted by animal	زهره-سم	232
Develop	Grow –cause to grow	توسعه دادن –ایجادکردن	232
Contact	The state of physical touching	تماس-برخورد	232

Plaut	Set or place a particular position	مستقرکردن-کاشتن گیاه	232
Irritant	Causing slight inflammation –an agent that cause irritation	محرک	232
Ivy	A kind of plant	پیچک	232
Oak	A kind of tree	بلوط	232
Congenial	Present from birth –hereditary	مادرزادی-ارثی	232
Evidence	To show that something is true or exists-be or show evidence of	ثابت کردن	232
Attachment	An extra part that may be attached	وابستگی - ضمیمه	22
Contaminated	Impure by exposure to-tainted	آلوده	232
Needle	Avery fine slender piece of metal	سوزن	232
Host	An animal in which a parasite lives	انگل دار-میزبان	232
Fungus	Any of group of unicellular living	گیاه قارچی	232
Thrush	Infection of the mouth and throat	برفک	232
Oral	Relating to the mouth	دهانی	232
Protozoon	A very small living thing that has only one cell	پروتوزوا	232
Cramp	Painful contraction of a muscle	انقباض ماهیچه	232
Diarrhea	Illness in which waste from the bowel is watery and comes out often	اسهال	232
Predispose	Make someone liable to an action	مستعد کردن	232
Induce	Bring on artificially by use of drugs	موجب شدن —واداشتن	232
Track	Follow the movement	دنبال کردن	232
Lupus	Skin disease	سل جلدی	232
Detail	A less significant item	جزئیات	232
Immunodeficiency	Lack of immunity to a disease	نارسایی ایمنی-نقص ایمنی	233
Exaggerated	Inordinate-something that is described as better /large etc that it really is	بیش ازحد-اغراق	233
Collapse	A sudden failure in the way something works so that it cannot continue	اختلال در عملکرد	233
Malnutrition	The state of not having enough to eat	سوء تغذیه	233
Depletion	Decrease-the reduction or less of blood /body fluids or chemical constituents/or stored material from the body	کاهش	233
Leakage	Gush	تراوش-ریزش-نشت	233
Pinpoint	A very small area or dot of something	با دقت اشاره چیز -کردن به کوچک	234

Purplish	Near purple	مایل به ارغوانی	234
Purpura	A purple coloring on skin similar to a bruise, caused by blood disease not by trauma	لکه های خونریزی زیر پوستی	234
Precipitate	To make a substance separate from a chemical compound and fall to the bottom of liquid during a chemical reaction	رسوب کردن	234
Saliva	Spit/a slightly alkaline secretion of water/mucin /protein/salt/often a starch	بزاق	234
Cornea	A transparent part of the front of the eyeball	قرنیه	234
Scleroderma	A collagen disease which thickness connective tissue and produces a hard thick skin-dermatosclerosis	تصلب پوست	234
Eruption	Something which breaks through the skin	جوش	234
Clump	a small mass of something-wheal	انبوه –دسته	235
Interaction	An effect which two or more substances such as drugs have on each other	برهم کنش	235
Corpuscle	A living cell	ذره-گلبول	235
Coagulation	The action of clotting	انعقاد	235
Distress	Pain or suffering affecting the body, a bodily part, or the mind.	درد-آشفتگی	233
Rupture	An occasion when s.th suddenly breaks apart or bursts.	پارگی-گسستگی-ترکیدن	233
Dietary(adj.)	Related to the food someone eats.	مربوط به رژیم غذایی	234
Interfere with	To prevent s.th from succeeding or from happening in the way that was planned.	مداخله کردن.	234
Decay	To be slowly destroyed by a natural chemical process, or to make s.th do to this.	پوسیدگی	234
Swallow	To make food or drink go down your throat and towards your stomach.	بلعیدن-فروبرن.	234
Cheek	The soft round part of your face blows each of your eyes.	گونه	234
Halo	A circle of light or s.th bright.	هاله-حلقه نور.	235
compensate	To replace or balance the effect of s.th bad.	تنظیم کردن- جبران کردن.	235
Altitudes	The height of an object or place above the sea.	ارتفاع.	235
Assay	To test a substance to see how pure it is or what it is made of.	سنجش-آزمایش	236
Fatal	Causing death or ruin.	کشنده.	236
Susceptibility	How easily someone or s.th is affected by s.th.	حساسیت-آمادگی.	236

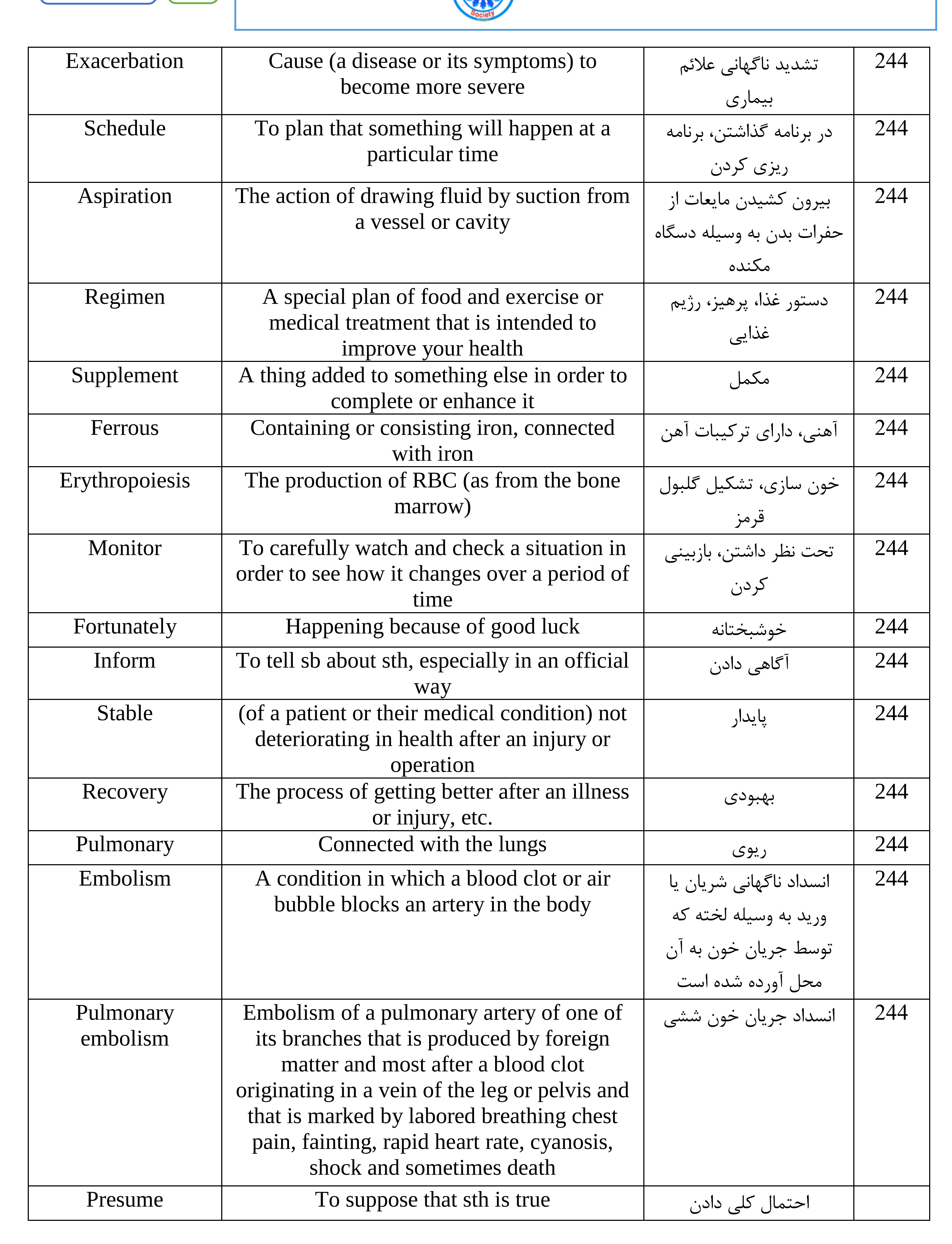
Incompatibility	The quality or state of being incompatible	ناسازگاری	236
Incompatible	Two things that are incompatible cannot exist or accepted together.	مغایر-ناجور.	236
Pregnancy	state of carrying a child in the uterus; fertility	حامله-باردار.	236
Aphaeresis	A technique by which a particular substance or component is removed from the blood the main volume being returned to the body	فرآیند کشیدن خون از بدن و جدا کردن بخش خاصی از آن و بازگرداندن ما بقی به درون بدن	238
Pigment	A natural substance that makes skin, hair, plauts, etc a particular color	رنگدانه	
Fragment(n)	A small piece of something that has broken off	تکه،قطعه	
Localized(adj)	Happening within a small area	محلی،موضوعی	
Abbreviation(n)	A short form of a word	مخفف	
Pediatric	Of or relating to the medical care or illness of children	مربوط به بیماری های کودکان	
Von	A protein secreted especially by endothelial cells that circulates in blood plasmas a large variable aggregation consisting usually of repeating dimmers that mediates platelet adhesion collagen in sub endothelial tissue at injury sites, that is often found completed to factor VIII in plasma where it severs to protect it from degradation, and that is deficient or defective in individual affected whit von willebrand disease called also vw-factor	نوعی پروتئین در خون	
Lupus	Any of several diseases characterized by skin lesion	سل،جلدی	
Scale	The size or level of s.th	درجه-اندازه	
Pack	Pressed, arranged etc closely or not closely together	دسته-گروه	
Idiopathic	Arising from an unknown cause	ناشناخته	
Label	To attach a label o, to something or write information on something	برچسب زدن	239
Appropriate	Suitable for a particular time, situation or purpose	مناسب	240
Hemolysis	dissolution of red blood cells, breaking down of red blood cells	همولیز گلبول های قرمز	240
Megakaryocyte	large cell with a nucleus in the bone marrow	مگاکاریوسیت.سلولی که	240

		پلاکت ها را ایجاد میکند	
Thrombolysis	The dissolution of a blood to clot, esp. to induced artificially by infusion of an enzyme into the blood	حل شدن لخته خون	242
Calcitonin	Hormone involved in the metabolism of calcium	کلسیتونین	242
Nutriuresis	Urinary excretion of sodium	دفع سدیم از طریق ادرار	240
Ferric	Pertaining to iron	وابسته به اهن.فریک	240
Siderosis	Condition involving iron deposits	وضعیتی که در ذخیره اهن مشارکت میکند	240
Azoturia	Urinary excretion of nitrogenous compounds	دفع ترکیبات نیترون دار از طریق ادرار	240
Excretion	The process of getting rid of waste material from your body	دفع	240
Deposite	To put sth down in a particular place	ذخیره کردن	240
Latex	Any of several synthetic fluids resembling natural latex	لاستیک خام	241
Purpura	A rush of spots on the skin caused by internal bleeding from small blood vessels	حصبه	241
Anaphylaxis	An extreme allergic reaction to an antigen to which the body has become hypersensitive following an earlier exposure	انافیلاکسی	241
Life threatening	Esp. of an illness or injury potentially fatal	تهدید کننده زندگی	241
Response	A reaction to something	واکنش	241
Remission	A temporary diminution of the seventy disease or pain	بهبود بیماری	241
Hypersensitivity	Having extreme physical sensitivity 1.to particular substances or conditions 2. easily hurt, worried.	حساسیت شدید	241
Hemostasis	The arrest of bleeding by hemostatic agent	توقف خونریزی	241
Hemostasis	The tendency towards a relatively stable equilibrium between interdependent elements, esp. as maintained by physiological processes.	هموستازی	241
Coagulates	Change to a solid or semi-solid state	لخته شدن	241
Antiserum	A blood serum containing antibodies against specific antigens , injected to treat or protect against specific disease	سرم حاوی پادتن	241
Immature	Not fully developed	نابالغ	241

Present	The state or fact of existing, occurring or being present	وقوع تکرار- پیش	241
Profuse	Very plentiful, abundant	لبریز. فراوان	241
Flow	Move steadily and continually in a current or stream	جاری شدن	242
Viremia	The present of viruses in the blood	ویرمیا.ویروس خونی	242
Myelotoxin	Destructive to bone marrow		242
Autoimmunity	Relating to disease caused by antibodies or lymphocytes produced against substances naturally present hn the body	خود ایمنی	242
Hypoxemia	An abnormally low concentration of oxygen in the blood	کاهش Oxygen بافت	242
Septicemia	Blood poisoning	عفونت خون	242
HCT	Hematocrit	هماتوکریت	242
MVC	Mean corpuscular volume	متوسط حجم کپسولی	242
EPO	Erythropoietin / European patent office	اریتروپویتین	242
MCH	Master of surgery Mean corpuscular hemoglobin	ارشد پزشکی، متوسط هموگلوبین کپسولی	
Reticulocyte	An immature RBC without a nucleus	رتیکولوسیت	242
Neoplastic	Related to neoplasm or neoplasia	تومور	242
Overgrowth	Excessive growth	رشد بیش از اندازه	242
Bone marrow	A soft highly vascular modified tissue that occupies the cavities and hidden part of most bones and occurs in two forms: whitish or yellowish, and reddish	مغزاستخوان	243
Formation	The action of forming something, the process of being formed	تشکیل،ساخت،ساخته شدن	243
Define	To describe something correctly or thoroughly and to say what standards, limits, qualities it has that make it different from other things	تعریف کردن،روشن کردن	243
Pan	All, entire	تمام	243
Cyt/o	Cell, biont	سلول،یاخته	243
Penia	Deficiency of	فقر،نارسایی	243
Polycythemia	A condition marked by an abnormal increase in the number of circulating RBC	زیادشدن غیرطبیعی گلبول قرمز درجریان خون محیطی	243

Hem/o	Blood	خون	243
Anisochromia	Unequal distribution of hemoglobin in real cells	نداشتن رنگ یکسان	243
Iso	Same/equal	مساوی،یکجور	243
Chrom/o	Color	رنگ	243
Myel/o	Marrow, bone marrow	مغزاستخوان	243
Myelodysplastic(adj.) Myelodysplasia(n.)	Any of a group of bone marrow disorders that are marked especially by an abnormal reduction in one or more types of circulating blood cells due to defective growth and maturation of blood forming cells in the bone marrow and that something progress to acute Myelogenous leukemia	دیسپلازیمیلوسیتوعناصردیگرمغزاستخوان	243
Dys	Abnormal	بد ومشکل، خراب	243
Plast(y)	Organized particle or granule cell	ایجادیا ترمیم چیزی به روش پلاستیک	243
Additional	Added, extra, or more supplementary to what is already present or available	اضافی، افزوده	244
Replacement	The act of replacing one thing with another	جایگزینی،تعویض	244
Sustain	To suffer damage, an injury, or loss of money	متحمل شدن،تحمل کردن	244
Hit	Move in to sb/sth quickly and with force especially causing damage or injury	تصادف،اصابت	244
Sled(Ame)	Sledge(Bri) (v.):to travel on a sledge (n.):a small vehicle use for sliding over snow, often used by children or in some sports.	سورتمه سواری	244
Internal	Inside your body-inside sth rather than outside it	داخلی	244
Laceration	(v.): to cut skin or flesh with sth sharp (n.):a cut in your skin	ایجاد زخم دراثر پارگی	244
Absorbable	Able to be absorbed, especially into the body	قابل جذب	244
Smooth	Having an even and regular surface, free from perceptible, projection, lumps or indentations	صاف،هموار	244
Attain	To reach a particular level, age, size, etc	رسیدن،نایل شدن به	244
Salvage	Things that have been saved from an accident	مازاد،قسمت بازیابی شده	244
Autotransfusion	Return of blood to the patient's own circulatory system	انتقال خون خودبه خودی	244

Set up	The act of organizing something such as a business or a computer system	برپاکردن	244
Procedure	A way of doing something, especially the usual or correct way	روش،روش کار	244
Suction	The process of removing air or liquid from a space or container so that sth else can be sucked into it or so that two surface can stick together	مکش، تنفس	
Anticoagulant	A substance that stops the blood from becoming thick and forming clots (a substance (as a drug) that hinders coagulation and especially coagulation of the blood)	ضد انعقاد، ضد لخته شدن خون	244
Centrifuge	A machine with a part that spins around to separate substances, for example liquids from solids, by forcing the heavier substance to the outer edge	سانتریفیوژ (چرخاندن سریع مایعات جهت رسوب دادن مواد جامد موجود در آنها)	244
Homologous	Similar in position, structure to something else (having the same relation/ relative position or structure)	متشابه و مربوط به هم از لحاظ منشا و ساختمان	244
Myelofibrosis	An anemic condition in which bone marrow becomes fibrotic and the liver and spleen usually exhibit a development of blood cell precursors	فیبری شدن مغز استخوان	244
Remission	A state or period during which the symptoms of a disease are abated/ a temporary diminution of the severity of disease or pain	فروکش کردن	244
Hematologist	Person who studies hematology	خون شناس، متخصص خون شناسی	244
Hematology	A medical science that deals with the blood and blood-forming organs	خون شناسی	244
Idiopathic	Arising spontaneously or from obscure or unknown cause	بی علت، ناشناخته	244
Frighten	Make somebody afraid or anxious	ترساندن	244
Syncope	Loss of consciousness resulting from insufficient blood flow to the brain	بیهوشی، کاهش ناگهانی قدرت	244
Evaluation	The making of a judgment about the amount, number or value of something/ assessment	ارزیابی	244
Concerned(that)	Worried about something	ربط، بستگی، علاقه، کار، نگرانی	244



Exacerbation	Cause (a disease or its symptoms) to become more severe	تشدید ناگهانی علائم بیماری	244
Schedule	To plan that something will happen at a particular time	در برنامه گذاشتن، برنامه ریزی کردن	244
Aspiration	The action of drawing fluid by suction from a vessel or cavity	بیرون کشیدن مایعات از حفرات بدن به وسیله دستگاه مکنده	244
Regimen	A special plan of food and exercise or medical treatment that is intended to improve your health	دستور غذا، پرهیز، رژیم غذایی	244
Supplement	A thing added to something else in order to complete or enhance it	مکمل	244
Ferrous	Containing or consisting iron, connected with iron	آهنی، دارای ترکیبات آهن	244
Erythropoiesis	The production of RBC (as from the bone marrow)	خون سازی، تشکیل گلبول قرمز	244
Monitor	To carefully watch and check a situation in order to see how it changes over a period of time	تحت نظر داشتن، بازبینی کردن	244
Fortunately	Happening because of good luck	خوشبختانه	244
Inform	To tell sb about sth, especially in an official way	آگاهی دادن	244
Stable	(of a patient or their medical condition) not deteriorating in health after an injury or operation	پایدار	244
Recovery	The process of getting better after an illness or injury, etc.	بهبودی	244
Pulmonary	Connected with the lungs	ریوی	244
Embolism	A condition in which a blood clot or air bubble blocks an artery in the body	انسداد ناگهانی شریان یا ورید به وسیله لخته که توسط جریان خون به آن محل آورده شده است	244
Pulmonary embolism	Embolism of a pulmonary artery of one of its branches that is produced by foreign matter and most after a blood clot originating in a vein of the leg or pelvis and that is marked by labored breathing chest pain, fainting, rapid heart rate, cyanosis, shock and sometimes death	انسداد جریان خون ششی	244
Presume	To suppose that sth is true	احتمال کلی دادن	

Compromised	To cause the impairment of	به خطر افتاده	244
Drop	To fall to a lower or amount especially a much lower level or amount	کم کردن	244
Shrink	To become or to make sth smaller in size or amount or value	کاهش یافتن	244
Splenectomy	Surgical excision of the spleen	طحال برداری	244
Stem cell	An unspecialized cell that gives rise to differentiated cells	سلول بنیادی	244
Obtain	To get sth that you want through your own effort, skill or work	بدست آوردن	244
Donate	To allow some blood or a body organ to be removed from your body so that it can be used in a hospital to help someone who is ill and injured.	بخشیدن	244
Resection	The surgical of part of an organ or structure	برداشت یک قسمت از بدن و یا قسمت بزرگی از یک عضو از طریق جراحی	244
measurement	The act of measuring sth	اندازه گیری	244
Decimal	Point – the full stop in a decimal ;used to separate whole numbers from tenth; hundredth etc	اعشاری- ممیز اعشار-نقطه اعشار	244
Grain	A small hard piece of particular substances	ذره -دانه	244
Decathion	A sporting event in which people compete in ten different sports	ورزش های ده گانه دوومیدانی	244
Support	To maintain in condition; action or existence	نگهداری-تقویت-پشتیبانی کردن	244
Nutritional	Relating to the substances in food that help you to stay healthy	مغذی	244
Autologous	Involving one individual as both donor and recipient	مشتق از خود – گرفته شده از خود شخص	244
Synthetic	Artificial – Produced by combining different artificial substances; rather than being naturally produced.	صناعی–ترکیبی -سنتزی	244
Fluid	A liquid ; a substance that can flow; a substance that has no fixed shape and yields easily to external pressure; a gas or esp. a liquid	مایع – سیال -روان	244
Significant	Large or important enough to have an effect or to be noticed.	مهم – قابل توجه	244
Ability	The state of being able to do sth	توانایی	244

Effective	Successful in producing a desired or intended result	مؤثر	244
Overgrowth	Too much growth of sth ,especially sth that grow on or over sth , excessive growth	رشد بیش از اندازه	245
Destructhion	The act of destroying sth; the process of being destroyed	تخریب	245
Value	A numerical quantity that is assigned or is determined by calculation or measurement	مقدار	245
Prolapse	A condition in which an organ of the body has slipped forward or down from its normal position	پایین افتادگی	245
Enlargement	The act of making sth larger or of becoming larger	بزرگ شدن	245
Expect	To think or believe that sth will happen because it seems likely or has been planed	پیش بینی کردن – انتظار داشتن	245
Cartilage	The strong white tissue that is important in support and especially in joints to prevent the bones rubbing against each	غضروف	245
Imbalance	A lack of a fair or correct balance between two things , which results in problems or unfairness	عدم تعادل	245
Anoxia	Hypoxia especially of such severity as to result in permanent damage	کم اکسیژنی	245
Incompatibility	The quality or state of being incompatible	ناسازگاری	245
Autoimmunity	A condition in which the body produces an immune response against its own tissue constituents.	خود ایمنی	245
Description	A piece of writing or speech that gives details about what someone or something is like	تشریح، توصیف	Box 10-1
Diameter	A straight line from one side of a circle to the other side passing through the center of the circle or the length of this line	قطر، ضخامت	
Biconcave	Concave on both side	مقعرالطرفین	
Buffer	A substance or mixture of substances that in solution tends to stabilize the hydrogen ion concentration by neutralizing within limits both acids and bases	بافر	
Debris	The pieces of s.th that are left after it has been destroyed in an accident explosion etc.	باقی مانده، آثار	
Popular	Liked by a lot of people	محبوب	Box 10-2
Sexual	Pertaining to sex	جنسی	

Lend	To give a situation, event, etc a particular quality	معطوف داشتن، متوجه کردن، متوجه شدن	
Link	To physically join two or more things people or places.	اتصال، متصل بودن	
Immunosorbent	Relating to or using a substrate consisting of a specific antibody or antigen chemically combined with an insoluble substance to selective by remove the corresponding specific antigen or antibody from solution.	نوعی آزمون سرولوژیک	
Association	An organization that consists of a group of people who have the same aims, do the same kind of work.	انجمن	
Bypass	An operation to direct blood from new veins outside the heart because the veins in the heart are block.	نوعی عمل قلب راه فرعی-جنبی	
Graft	A surgical operation in which tissue is transplanted.	عمل پیوند	
Inevitably	Unavoidably, as in certain to happen	ناچار، به ضرورت	
Amplification	Enlarging, an act, example or product of amplifying.	تقویت، توسعه	
Stimulate	To cause or encourage s.th to happen or develop.	تحریک کردن	
Frustration	A feeling of anger or annoyance caused by being unable to do s.th	ناامیدی	
Article	A piece of writing about a particular subject that is included in a magazine, newspaper, etc.	مقاله	
Precursor	s.th that happen or existed before s.th else and influence its development.	پیش ماده	
Deposition	A process of depositing something.	ته نشینی،رسوب کردن	Box 10-3
Excretion	The act or process of excreting.	دفع	
Count	The process of counting, or the total that you get when you count.	مقدار، شمار	Box 10-4
Rate	The number of times s.th happens or the number of examples of s.th within a certain period.	میزان، اندازه، سرعت، نرخ	
Sedimentation	The action or process of depositing sediment.	ته نشینی	
Detect	To notice or discover s.th especially s.th that is not easy to see, hear, etc.	یافتن، کشف کردن	
Oncology	The study of tumors	تومورشناسی	Box 10-5

Phlebotomist	One who practices phlebotomy (=the letting of blood for transfusion, aphaeresis diagnostic testing, or experimental procedures and widely used in the past to treat many diseases but now limited to the treatment of only a few specific conditions.)	حجامت گر	
Employ	To pay someone to work for you.	استخدام کردن	
Advanced	Very modern	پیشرفته	
Finger stick	an instance of pricking the skin of a finger to obtain blood from a capillary.	خراش داد پوست انگشت	
Puncture	A hole, wound, or perforation made by puncturing.	رخنه، سوراخ	
Heel	The curved back part of the foot	پاشنه پا	
Specimen	A small amount or piece that is taken from s.th so that it can be tested or examined.	نمونه	
Accurately	In an accurate manner.(accurate: correct in all details, exact)	دقیق، صحیح	
Acceptable	Good enough to be used for a particular purpose or to be considered satisfactory.	قابل قبول	
Rough	Having an uneven or irregular surface, not smooth or level.	زبر	Box 10-6
Incision	A neat cut made into s.th especially during a medical operation.	شکاف، برش	Box 10-7

Chapter 11

The respiratory System

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Word	English definition / Synonym	Persian translation	Page
Admission	Being allowed to enter or join	پذیرش / اجازه ورود	246
Preparation	Getting something ready	آماده / مهیا ساختن	246
Elective	Chosen / Selected	منتخب / انتخابی	246
Mild	Not strong , Forceful or severe	خفیف / ملایم	246
Acute	Severe / Great / Strong	شدید / قدرتمند	246
Dyspnea	Labored breathing / Shortness of breath	تنگی نفس / ناراحتی در تنفس	246
Diffuse	Spread freely in all directions	پخش شدن / منتشر شدن	246
Wheeze	Make a noisy whistling sound in breathing	خس خس کردن سینه	246
Exchange	Give and receive in return	رد و بدل کردن / معاوضه کردن	246
Respond	React, Say something in reply	پاسخ دادن / عکس العمل نشان دادن	246
(Brocho)dilator	Amplifier / Enlarger	متسع کننده (نایژه ها)	246
Consult	Go to a person for advice	مشاوره گرفتن / مشورت کردن	246
Unremarkable	Usual , Non noticeable	عادی / غیر قابل گوشزد کردن / معمولی	246
Spirometry	Measurement of lung capacity by means of spirometer	تنفس سنجی	246
Reduction	Making less / Decrease	کاهش	246
Vital	Highly necessary , necessary to stay alive , Full of life and force , In the highest possible degree	حیاتی / واجب / ضروری	246
Capacity	Amount that sth can hold , Ability , Power , Position	ظرفیت / قدرت / توانایی	246
Moderate	Neither too much, nor too little / Middle / Within sensible limits	متعادل / متوسط / معقول	246
Ratio	Proportional relation	نسبت ثابت و معین	246
Administration	Management / Leadership	اداره کردن / اجرا کردن / حکومت / مدیریت	246
Insignificant	Unimportant / Minor	ناچیز / خیلی کم / غیرقابل	246

		اهمیت	
Improvement	State of being made better / Enhance	بهبود دادن / ترقی	246
Predicted	Forecasted / Foretold	پیش بینی شده / محاسبه شده	246
Value	Prize / Esteem	ارزش / بها	246
Considered	It is anything of value promised to another when making contract	در نظر گرفتن / مطرح شده	246
Loop	Make a circular shape	حلقه زدن / حلقه شدن / پیچ خوردن	246
Spirographic	Of a recording of respiratory movements	نمودار دستگاه تنفسی	246
Curve	Form into a curve / Bend / Turn	خمیدن / خط منحنی / نمودار بالستیکی	246
Consistent	Firm / Stead fast	سازگار / استوار / ثابت قدم	246
Obstruction	Obstacle / Blockade	جلوگیری / ممانعت / کارشکنی	246
Anesthesiologist	Doctor who administers anesthesia	متخصص هوشبری	246
Compromised	Unable to operate in an optimal form	به خطر افتاده	246
Procedure	Course of action / Way of doing	طرز کار / طریقه فرایند	246
Intervention	Interference	نفوذ / دخالت / مداخله / شفاعت	246
Prior	Previous / Earlier	قبلی / پیشین	246
Monitored	Supervise / Observe / Check up on	دیده بانی کردن / نظارت کردن	246
Medication	Drug / Medical treatment	دارو / تجویز دارو	246
Maintain	Keeping in existence / Good condition / Support / Provide for	پشتیبانی کردن / ابقا / نگهداری	246
Optimal	Better / Best	بهینه / مربوط به کمال مطلوب	246
Self-assessment	Self-estimation/appraisal	خود ارزیابی	247
Ventilation	Act of providing with fresh air	تهویه هوا	247
Kinesthetic	Of or pertaining to sense of movement	جنبشی	247
Identify	Recognize-relate-show	شناسایی-همسان سازی	247
Interpret	Orally translate-explain-clarify	تفسیر و ترجمه شفاهی کردن	247
Provide	Supply-give	تهیه-عرضه-آماده کردن	248

Eliminate	Remove-get rid of-discharge	حذف کردن-محو کردن	248
Accomplish	Complete-perform-execute	انجام دادن-صورت گرفتن	248
Remainder	Rest of sth	مابقی-مازاد-باقیمانده	248
Conduit	Behave-manage	انتقال-هدایت-رهبری	248
Cleansing	Cleaning-removing	تنظیف	248
rout	Way-canal-particular path	مسیر-راه- خط سیر معین	248
Moistened	Make slightly wet-make damp	تر کردن-مرطوب شدن	248
sweep	Clean of clear away with a broom-remove force fully	جاروب کردن	248
Sputum	Saliva and other matter that is spat from the mouth	بزاق-خلط سینه	248
Turbinate	Spiral-pertaining to some-scroll like bones in the nasal chambers	وارونه-مخروط-مارپیچ	248
drain	Draw-flow out liquid	خالی کردن/زهکشی کردن آب	249
Lighten	Make lighter-lessen the weight or load	سبک کردن-کاستن-راحت کردن	249
Resonance	Act of producing an echo	تشدید صدا-ایجادطنین	249
Inhaled	Breathe in - taken in to the lungs	تنفس شده-در ریه فرو برده شده	249
Destined	Meant for- bound - intended for	عازم به راه	249
Divided	Separated/segmented into	تقسیم شده	249
Portion	Divide into parts-partition-segment	جز-تکه-بخش	249
Oropharynx	Lower pharynx-larynx	حنجره تحتانی	249
Tonsil	One of a pair of lymphoid tissue masses lying on either side of the throat	لوزه	249
palatine	Pertaining to palate	کامی-وابسته به کام	249
Adenoid	Growth of lymphoid tissue located in upper pharynx	شبه غده	249
Lingual	Of the tongue	حرف زبانی	249
Mound	Pile-heap onto a pile	تپه -برآمدگی	249
Advisability	Profitability-worthwhileness	اقتضا-مصلحت	249
Prominent	Important-eminent	حساس-برجسته	250
Vicinity	Proximity-nearby area	درحومه-مجاورت-اطراف	250
Swallows	Take into the stomach via throat	بلع-قورت دادن	250
Articulation	Enunciation-joint	تولید گفتار-مفصل بندی	250
Rein forced	Strengthened	مسلح-مستحکم-تقویت	250

		شده	
Collapsed	Fall in-suddenly fall apart-suddenly lose consciousness	فروپاشی-فروریختگی-متلاشی شدن	250
Expectoration	Act of spitting	دفع بلغم-دفع اخلاط	250
Tonsillitis	Inflammation of tonsils	ورم نورتین	251
Electro cautery	Burning by electricity	سوزاندن با جریان الکتریسیته	251
Oblation	sacrifice, peace offering	خیرات	251
Cone-shape	Shape like a cone	به شکل مخروط	251
Accommodate	Adapt one self-provide lodging	وفق دادن-تطبیق دادن-منزل دادن	251
Correspond	Match-be parallel	برابر بودن-مطابق بودن	251
Regulated	Control-govern-manage	تعدیل-تنظیم-میزان کردن	252
Brainstem	Part of lower brain that resembles a stem and connects to the spinal cord	ساقه مغزی	252
Composition	make up-constitution	آرایش یگان-سازمان-ترکیب-ساخت	252
Concentration	Gathering-careful attention	اشباع-تمرکز	252
Stimulate	Arouse-invigorate-motivate	تحریک /تهییج کردن-برانگیختن	252
Compliance	Submission-conformance	قبول/اجابت کردن	253
-pnea	Breathing	تنفس کردن(پسوند)	255
-oxia	Level of oxygen	سطح اکسیژن	255
-capnia	Level of carbon dioxide	سطح کربن دی اکسید	255
-phonia	Voice	صدا	255
Pleuralgia	Pain in mediastinum	درد قفسه سینه	257
Pneumonectomy	Surgical removal of a lung	جراحی برای برداشتن ریه	257
-plasty	Plastic repair of something	جراحی پلاستیک	257
Apneuma	Absence of a lung	فقدان ریه	257
Phrenicotomy	Surgical incision of the phrenic nerve	برش جراحی عصب فرنیک	257
Crushing	smash, break into small pieces; squeeze hard; defeat, destroy	فشردن، چلاندن، خرد کردن	257
Puncture	Make a hole- perforate	شکسته شدن -سوراخ شدن-رخنه	257
Aspiration	Inhalation-breathing in	استنشاق-تنفس	257

Hyperventilation	Condition characterized by excessively quick and deep breathing	نفس نفس زدن	257
Alkalosis	Abnormally high level of alkalosis in blood and tissue	آلکانور-افزایش غیر عادی قلیا در بدن (خون یا بافت)	257
hypoventilation	Breathing at an irregularly slow rate	تنفس به طوری که مقدار اکسیژن خون از حالت عادی آن کمتر شود	257
Incidence	Frequency ,rate of occurrence	حادث شدن ، میزان بروز ، شیوع مرض	258
Pertussis	Whooping cough	سیاه سرفه	258
Tetanus	Infectious disease which usually enters the body through wounds	کزاز	258
Tuberculosis	Infectious lung disease	مرض سل	258
Debilitated	Incapacitate , weaken , enfeeble	ضعیف ، سست	258
Rodent	Order of gnawing or nibbling mammals	راسته جوندگان مثل موش	258
Histoplasmosis	Disease characterized by fever and anemia	بیماری توام با کم خونی و تب	259
Blastomycosis	Infection of the skin or mucous membrane	عفونت پوست و غشای مخاطی	259
Viral	Relating to or caused by virus	ویروسی ، وابسته به ویروس	258
Syncytial	Of or pertaining to a single cell or protoplasmic mass containing several nuclei	سلول چند هسته‌ای	258
Clogged	Blocked , plugged up , hold back	مسدود شده مانع شده	258
Immuno compromised:	not susceptible to a disease	ایمن و مصون	259
Fungal	Of or relating to fungus	قارچی ، اسفنجی	259
Irritant	Causing inflammation or extreme sensitivity	آزار دهنده ، ملتهب کننده یا حساسیت زای شدید	259
Staining	Discolor , smudge , color by applying stain	لکه دار ، نقطه ای	259
Liquify	Make liquid , become liquid	آبگون کردن ، مایع کردن	259
Rupture	Tear , cause to brust , cause to break	سستی ، تخریب کردن ، از بین بردن	259
Miliary	Resembling millet	کوچک و بیشمار	259
Hemoptysis	Spitting of blood or bloody mucus	خلط خونین	259
Exuolate	Substance that has been discharged	ماده تراویده ، مترشحه ،	259

		ترشح التهابی	
Consolidation	Unification , strengthening , solidification	اختلاط ، یکپارچگی ، استحکام	259
Culture	Grow in controlled environment for scientific studies (bacteria , germs …)	کشت میکروب	259
Lump	A swelling under the skin	تپه فرم ، برآمده	259
Derivative	Obtained from another source , borrowed	اشتقاقی ، فرعی ، ماخوذ شده	259
Characterize	Typify, distinguish	مشخص کردن-توصیف کردن	264
Dyspnea	Gasping	ناراحتی در تنفس- تنگی نفس	
Wheeze	Breath roughly, heavily	خس خس کردن در نفس کشیدن	
Spasm	Twitch, fit	گرفتگی-اسپاسم	
Swelling	Physical growth, lump	تورم-اماس	
Atelectasis	collapse of the lungs	افتادگی ریه	
Collapse	When something suddenly falls down	از کار افتادن-فروپاشی	
Obstruction	Blockage	انیداد-جلوگیری-گرفتگی	
Compression	To press something or make it smaller	تراکم-به هم فشردگی	
Bronchiectasis	enlargement of the large bronchial tubes	گشادی نایزه	
Chronic	Extremely bad	مزمن-شدید	
dilatation	Become wider	اتساع-انبساط	
Inflammation	Swelling and pain	التهاب-اماس	
Progressive	Liberal, growing	پیشرو-تصاعدی-تدریجی	
Debilitate	Incapacitate	ناتوان کردن-ضعیف کردن	
Emphysema	A disease that affect the lungs	نفخ-اتساع و بزرگی عضوی در اثر گاز یا هوا	
Disorder	Chaos, clutter	اختلال-بی نظمی	
Acidosis	Upset stomach	اسیدی شدن مایعات بدن	
Acute	Deeply perceptive	حاد-نوک تیز	
Distress	Pain, agony	درد-پریشانی	
Fatal	Deadly, lethal	کشنده-مهلک	
Failure	Lack of success	نقص-نارسایی-شکست	
Trauma	Severe mental or physical pain	اسیب-ضربه روحی و روانی	

Viral	Circulating quickly	ویریسی	
Rhinitis		ورم غشا مخاط بینی	
Tear	Cut, rip an object	اشک-پاره کردن	
Profuse	Abundant, excessive	فراوان-لبریز	
Secretion	Discharge	تراوش-ترشح	
Alkalosis		افزایش قلیایی بدن	
Withdrawal	Removal, retraction	تخلیه-بازگرفتن	
Suction	Assimilation, incorporation	عمل مکش-تنفس	
Asthma	a medical condition that causes difficulties in breathing	تنگی نفس	
Accumulation	Gathering, amassing	تراکم-انباشتگی	265
pus	suppuration	چرک	
Spit	Saliva	بیرون پرتاب کردن	
Tract	Duct	مجرا	
Presence	Occupancy, attendance	وجود-حضور	
Hydrothorax	Accumulation of fluid in plural cavity	تجمع مایع در حفره جنب	
Hyperventilation	condition characterized by excessively quick and deep breathing	تنفس زیاد-نفس نفس زدن	
Pertussis	Whooping cough	سیاه سرفه	
Effusion	Outpouring	برون ریزی-فوران	
Pleurisy	infection of the covering of the lungs, inflammation of the pleura	اماس شامه ریه	
Sharp	Knifelike, cutting	حاد-زننده-تیز	
Particle	Atom, piece	ذره	
Labor	Situated in the parts of lung	واقع در قسمت های ریه	
Asthma	Narrowing in breathing	تنگی تنفس	
Irritant	Annoyance	ازاردهنده	
Pneumothorax	air in the pleural cavity, air in the chest cavity	اسیب به ریه و قلب در نتیجه فشار زیاد اب	
Premature	Earlier in occurrence than anticipated	زودرس-نابالغ	
Apparently	Seemingly	ظاهرا	
Crib	Baby bed	تختخواب بچه	
Resemble	Look or be like	شباهت داشتن-همانند کردن	
Partial	Incomplete	جزئی-ناتمام	
Balance	Equilibrium	متعادل کردن	

Passageway	Path for travel	راهرو-محل عبور-گذرگاه	
Saturation	Satiation	اشباع-سیر شدن	
Assess	Evaluate	ارزیابی کردن	
Apparatus	Equipment with a purpose	دستگاه	
Puncture	Hole ,rupture	سوراخ شدن	
Lump	Clump, mass	توده-برامدگی-گره	
Indicate	Display	نشان دادن-اشاره کردن به	
Cartilage	A piece of flexible skeleton	غضروف	266
Ridge	Raised part of solid	برامدگی-شیار	
Landmark	Notable sight	نشان اختصاصی-راهنما	
Depression	Cause to reduce to a	فرورفتگی	
nares	Smelling organ	مجراهای بینی	
divide	Separate	تقسیم کردن	
Anoxia	Loss of oxygen	کمبود اکسیژن	
Asphyxia	Suffocation	خفگی-اختناق	
Inadequate	Insufficient	ناکافی	
Intake	Absorption	مقدارجذب	
Interrupt	interfere	توقف-منقطع کردن	
Narrowing	To become narrower	تنگ شدگی-به هم کشیدگی	267
Smooth	Without harshness	صاف	
Coryza	A disease caused by a cold	زکام-ریزش	
Gradually	Not abruptly	به تدریج-رفته رفه	
Terminally	Finally	به طور نهایی	
Croup	Expelled air with sound	خناق-خروسک	
deviate	Stray from normal path	منحرف کردن یا شدن	
Shift	Switch, fluctuation	تغییر جهت	
Lead to	Guide	پیشگام شدن یا بودن-منجر شدن به	
Epistaxis	To bleed at the nose again	خون دماغ	
Fremitus	Vibration	ارتعاش-تپش	
Palpation	Examination by touch especially medically	معاینه فیزیکی از طریق لمس کردن	
Rapid	Very quick	تندرو-سریع	

Friction	The act of rubbing one thing against another	سایش-اصطحکاک	
Auscultation	The act of listening to sounds arising whitin organs	شنود درمانی	
Rale	An abnormal sound heard accompanying the normal respiratory sounds on auscultation of the chest	خس خس	
Crackle	Make breaking sounds	صدای شکستن و انفجار	
Noticeable	Evident	قابل ملاحظه	
Harsh	Rough	ناملایم-خشن	
Whistle	A small device that makes a very high and loud sound when a person blows air through it	سوت زدن	
Sigh	Breath out heavily	اه کشیدن-افسوس خوردن	
antitussive	something that prevents or stop coughing	ضد سرفه	
Relieve	Make less painful	تسلی دادن-راحت کردن	
Prevent	Keep from happening	جلوگیری کردن	
Obstructive	Closuring	مسدودکننده	
Dust	Tiny particles in the air	گردو خاک	
Intermittent	Spasmodic	متناوب-بینابین	
Cessation	Ending, cease	توقف-پایان	
Stimulate	Provoke	تحریک کردن	
Obesity	Corpulence	مرض چاقی	
Malignant	Diseased, cancerous	خطرناک بدخیم	
Undifferentiated	Not different	نا متمایز	
Insert	Put	قراردادن-جا دادن	268
Incision	Cut,slit	شکاف-برش	
Flow	Move outward	جریان-سرعت حرکت	
Inhalation	Breath in	استنشاق	
Respirator	A device for breathing	دستاه تنفس مصنوعی	
Maintain	Care for, keep	برقرارکردن-حفظ کردن	
Spontaneously	Automatically	خودبخود	
Ventilator	A device for artificial breathing	دستگاه تهویه	
Inflate	Blow up	پر از باد کردن-متورم شدن	
Interval	Break, pause	فاصله-مدت	
Pronged	Having two or more pointed parts	چنگکدار	
Nostril	Smelling organ of animate being	سوراخ بینی	

Upright	Straight up	قائم عمودی	
Drain	Channel through which liquid runs off	زهکشی کردن-خالی کردن	
Secretion	Discharge	تراوش-ترشح	
Passively	Indifferently	بی مقاومت-خنثی	
Elimination	Removal	حذف	
Calculate	Compute	حساب کردن	
Hollow	An empty space inside	توخالی	
Intubate	To put a tube in breathing pathway cause of disease	لوله فرو کردن	
Agent	factor, cause	عامل بیماری	269
Response	Reaction	پاسخ- واکنش	
Widen	Open up	پهن کردن	
Congestion	Blockage	تجمع	
Swell	Blow up	تورم	
Promote	Progress	بالا بودن	
Constrict	Contract	تنگ کردن-منقبض کردن	
Loosen	Unbind	نرم کردن	
Compliance	Agreement	قبول-اجابت-براوردن	270
Amplification	Increase in size or effect	توسعه-تقویت	
Peak	Top of something	راس-حداکثر-اوج	
paroxysmal	A sudden physical attack	نوبتی-تشنجی-سخت-شدید	271
Nocturnal	Happening at night	شبانه	
purified	Make clean	تصفیه شده-پاک شد	

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